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Vol. XIX. No. 228

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SPALDING'S

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HOW TO PLAY



SHORT STOP

American Sports Publishing Co.

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for their Gymnasium Equipment at the World's Fair. The hundreds of Gymnasts who competed in the different events in the Stadium during the year proclaimed the apparatus made by A. G. Spalding & Bros. the best that they had ever worked on, and the team of German Turners that came to America especially to compete in the International Championships at St. Louis on July 1 and 2, 1904, requested that they be permitted to use the apparatus of the

Spalding Gymnasium Exhibit

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Spalding's Athletic Library

How to Play Shortstop

Edited by

J. E. WRAY

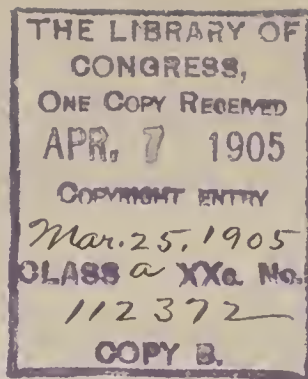
Sporting Editor Globe-Democrat, St. Louis



New York

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INTRODUCTION

The shortstop's position has been termed the "keystone of the infield." More properly, it is the pivot. More plays center about shortstop as a fulcrum, and more is asked of the holder of this position than is true of any other baseman. The accuracy of the shortstop's assists are, at times, supremely vital; while the strength of his arm, the speed of his legs and the quickness of his perception many times may contribute to the saving of a struggle badly "in the fire."

The proposition that confronts the candidate for a short field position is, briefly:

1. To have speed enough to range from second to third bases on all sorts of bounders.
2. To field with equal accuracy from either side.
3. To throw fast and surely from any position.
4. To get back to center and left field for short flies out of reach of the regular men covering these positions.
5. To know how to block off runners and to save every inch of space and second of time on men coming into second.
6. To run bases effectively and bat well.

As in nearly every other department of life, there are men physically better adapted to holding the position of shortstop than others. A peculiar combination of strength, speed and keen wits is required.

In general the men who are built low and close to the ground are accepted as the ideal for this and other infield positions, outside of first base. Short stature means that it is easier for the player to field ground balls, as he will have to stoop a less distance. It means generally increased activity in foot-work and ability to get in motion quicker. Then, too, when pulling down a high throw the short man does not have to come so far to tag

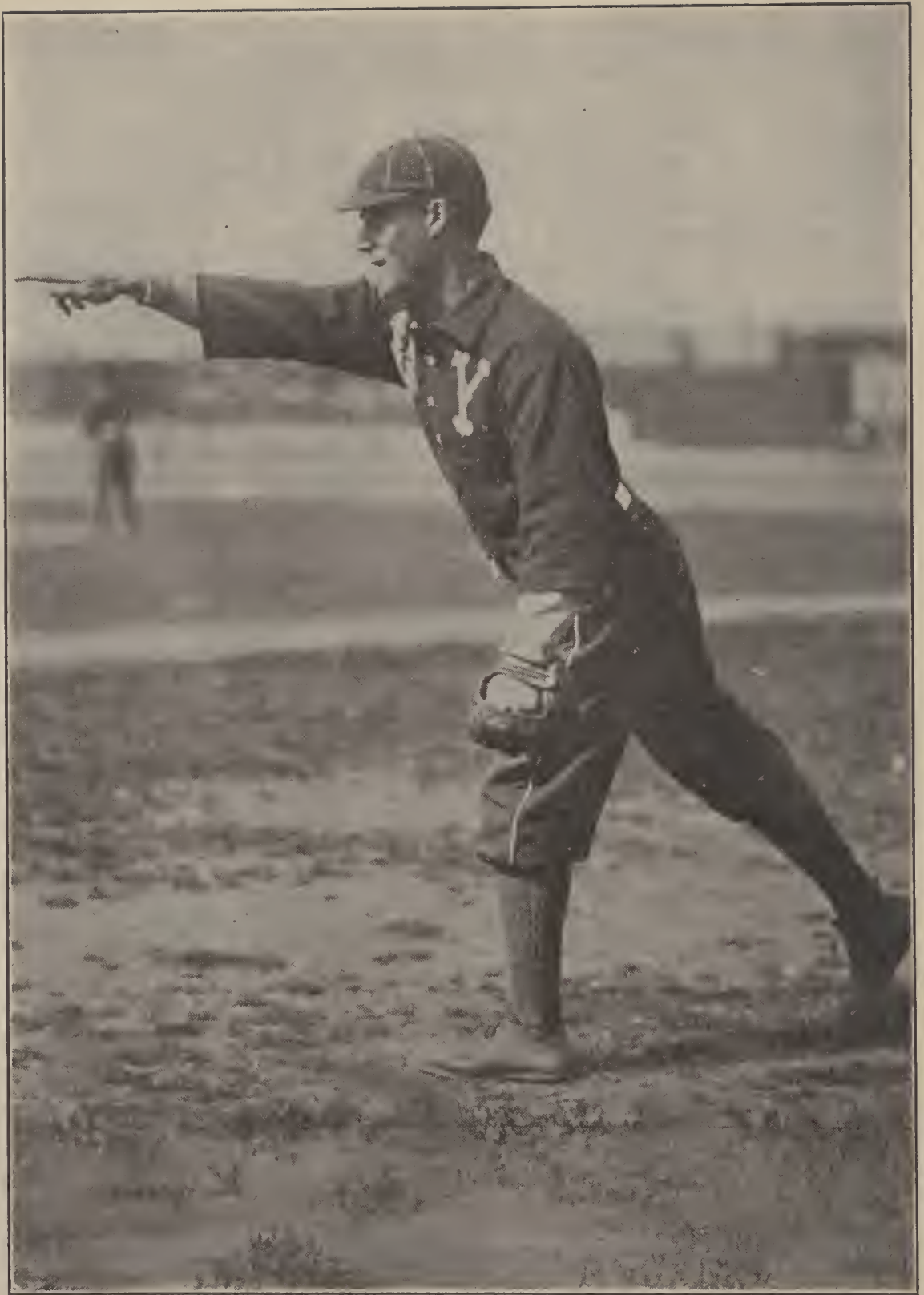


WILLIAM DAHLEN,

Shortstop of the champion New Yorks, after a throw to the infield. Dahlen is one of the greatest ground coverers in the business, and a very deceptive player, as he is much speedier than he appears in practice.

the runner out. The shortstops of early base ball were largely men of short legs, long, strong arms and powerful torso.

The ancient model, however, has been somewhat shattered in recent years through the advent of big men in the infield, such as LaJoie, a six-footer who has been considered without a peer. As far as the real facts about physique in connection with the shortstop goes, it is probable that a sound, fast man of almost any build could be trained to fill this position effectively.



NORMAN ELBERFELD.

Showing the position of the New York Americans' shortstop after throwing the ball. Elberfeld is a very accurate thrower and has a fine delivery.

DON'T LET THE BALL "PLAY" YOU

Fielding accurately is, of course, the first feature of the shortstop's work. As the proportion of right-hand batters to left hand is about 2 to 1, the shortstop's life is a busier one in the field than either the second or third baseman's.

Every variety of hit ball known to the game is passed to the shortstop in the course of an average contest, and there can be no set way of handling any ball. The necessities of the occasion frequently govern this.

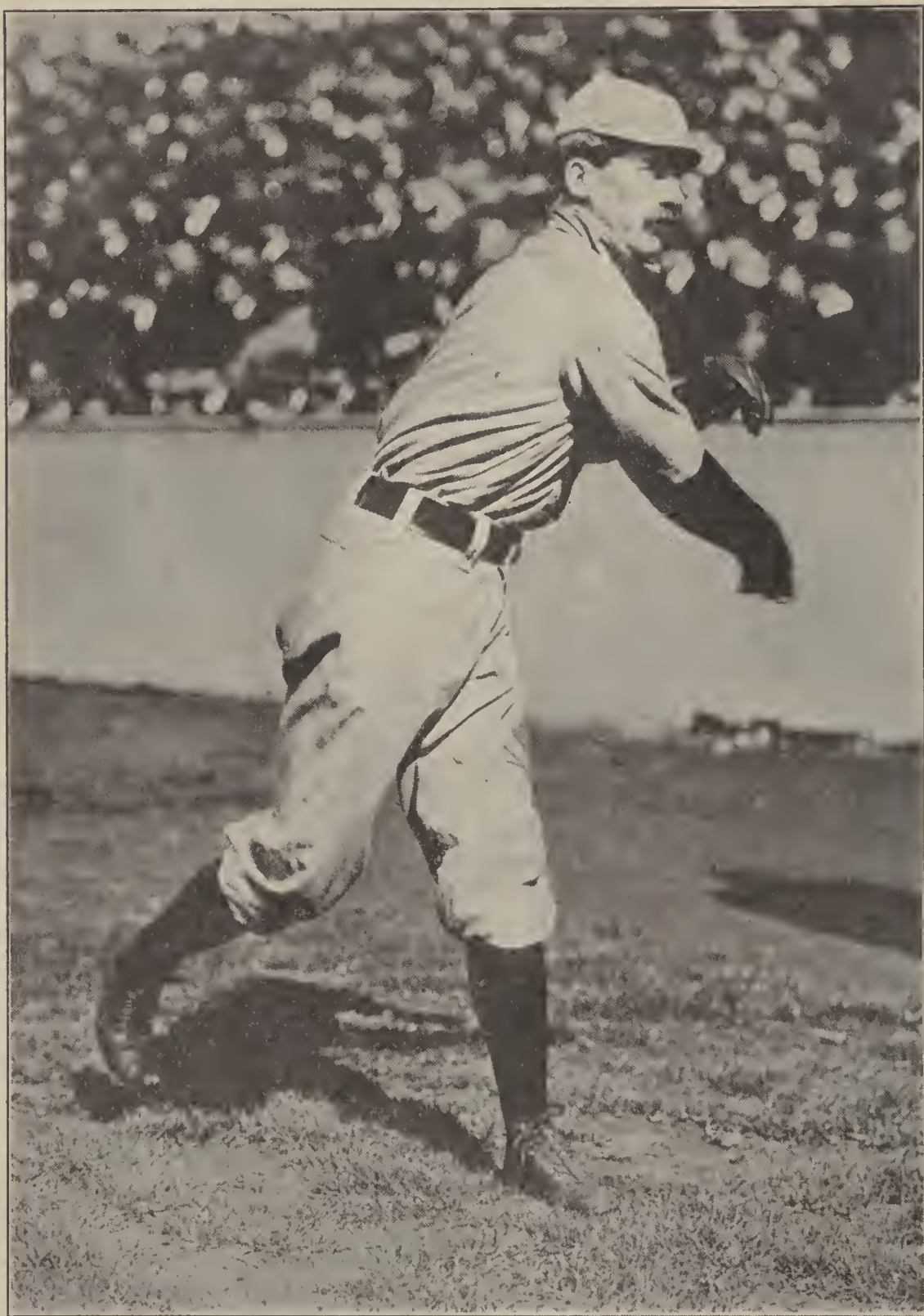
The first principle accepted by experienced shortfielders is that under no circumstances should the fielder let the ball "play" him. That is, instead of waiting for the ball to come on any old bounce the condition of the field and nature of drive may necessitate, the player should move in on the ball or so get to it that the bound will be easily handled, barring unforeseen accidents. Under the best of conditions balls will get away from players; but "playing the ball" saves many an error and besides gets the fielder into his own position for throwing as a rule.

Some amateurs have an ancient habit of getting down on one knee to stop a grounder. Such efforts as these should be discouraged. For, should the ball take the slightest bound out of the direct line, the fielder is caught napping. Moreover, granting that the ball is fielded, the player has to rise to his feet, draw back his arm and go through a series of motions before he can throw—all of which takes time and occasionally gives a life to a runner who should have been retired.

Two safe rules to follow in fielding this position are:

1. Get to the ball as quickly as possible.
2. Go after it with the idea of getting it away from you with the least delay possible.

Loafing or unnecessary delay in either particular are un-



MONTGOMERY CROSS,
Veteran shortstop of the Athletics, who has just made one of his
quick throws to first base.

pardonable and sometimes criminal. In professional base ball it is particularly distressing to see a fielder, after making an easy stop, hold the ball a tantalizing length of time and then make a wild throw to first. Due care should be taken in throwing where time permits; but in four chances out of six the play scarcely permits the fielder to get into throwing position.

Balls which the shortstop can get in front of are comparatively easy, no matter how hard driven. Unlike the fielding of third base position, where the nearness of the plate cuts quite an important figure, the shortstop is sufficiently far removed so that few balls really too "hot to handle" come his way. Once in front, only a bad bound excuses an error. But hard hit balls have a peculiar faculty for not going where the fielder happens to be and here is where the shortstop is required to do his most spectacular work. He is required to go extreme distances to right and left, pick up the ball with one hand and throw without stopping to set himself.

Here is where the man who has a natural aptitude for getting in motion quickly has a great advantage. He can save a fraction of a second in going after the drive over the man who is a slow starter.

What helps the fielder still more is watching the battery work of his side, studying the peculiarities of batters and so being able to judge about where a hit ball is going.

On no play should the shortstop neglect to observe what kind of ball is to be served the batsman. It does not always happen that the hit comes the way expected. It is quite possible to get a general idea of what is coming and to be prepared for it.

Having figured out as nearly as possible which way the batted ball is to come, and so placed yourself that you can best play it when it comes, without ruining your changes of fielding, a hit of another sort should calculations fail to materialize, the next question up to the fielder is how to take the ball when it comes.



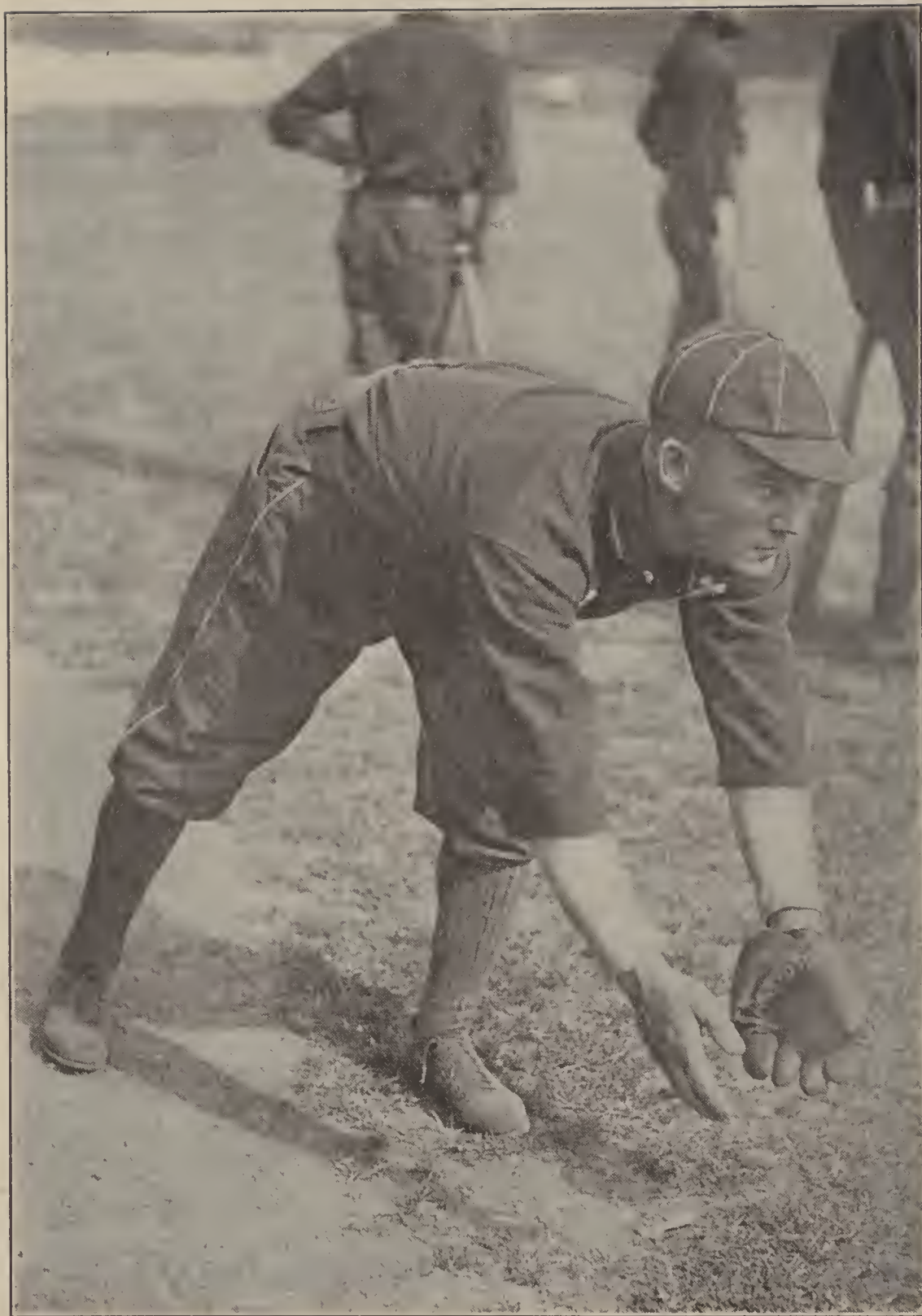
FRED PARENT,
Shortstop for the Boston Americans and one of the best in
handling any kind of a ground hit with one hand.

AMBIDEXTROUS FIELDING

Individuality will have to assert itself here. If the ball is to the right of you, even though palpably in the third baseman's territory, it is the shortstop's duty to be over there before it gets to the corner fielder in order to back up a possible juggle. If not in his territory, and the drive is too fast to get in front of it, don't waste time trying to, but take it with one hand. You will be fortunate to stop it, but don't let possible errors in your column stand in the way. A man who tries is worth two times the man who is looking after his record. If the ball should stick and the play at first is easy, take your time, but don't waste it. If the play is fast don't even take time to straighten up, but shoot the ball underhand to first. This is really an important feature in heading off outs at first, and many shortstops have built up reputations almost solely on their ability to get the ball away from them whichever way they may happen to receive it. Bobby Wallace and Monte Cross, Danny Shay and one or two others are conspicuous examples of what snappy throwing will do for a shortstop. There is only one way in which accuracy in this respect can be acquired, and that is through constant practice.

Fielding balls on the left-hand side of the shortstop's position is a much more difficult proposition, yet many spectacular plays are seen on the diamond of balls fielded over second base and runners retired at first.

Yet the play at first is not the prime feature that makes an ability to field accurately to the left of the shortstop important. Double plays and the cutting off of hit-and-run plays rest entirely with the shortstop, here, on hits over or near second. The shortstop, in case of a double, frequently has no time to even let the ball tarry an instant in his hands, but scoops it over to



NORMAN ELBERFELD,
New York Americans' shortstop gauging a ball.

the second baseman with almost the same motion with which it was fielded whence it is relayed to first.

This play requires considerable practice and the least miscue is apt to throw off the first out and ruin the double. There is no verbal instruction that can teach just how these plays can be executed. Each play has some slight variation from the other which makes it necessary for the fielder to suit conditions to the case and work out his own problems on the diamond.

The whole fielding proposition for the novice can be reduced to a basis of time-saving. Any manner in which he figures he can save an instant in the execution of a play, he can safely argue is the proper method, providing, of course, it be practicable. This is the whole theory of defensive base ball, in fact, and the sooner the neophyte gets it firmly fixed in his mind the quicker he will get results.



LAJOIE.

Trapping a ball well in front to kill the bound while on his toes.
Good form.

BY NAPOLEON LAJOIE

The shortstop's life, like the policeman's, is not a happy one. I have played several positions on a base ball team and I know what I say. Short field covering involves a tremendous responsibility in both receiving hit balls and getting away thrown balls accurately, to say nothing of having to size up a play with two or three possible solutions every five minutes. I thought the sphere of the second baseman was hard enough, but when I moved over to shortstop in 1904 I found out that I had to accept more chances, cover even more territory and make longer and faster throws.

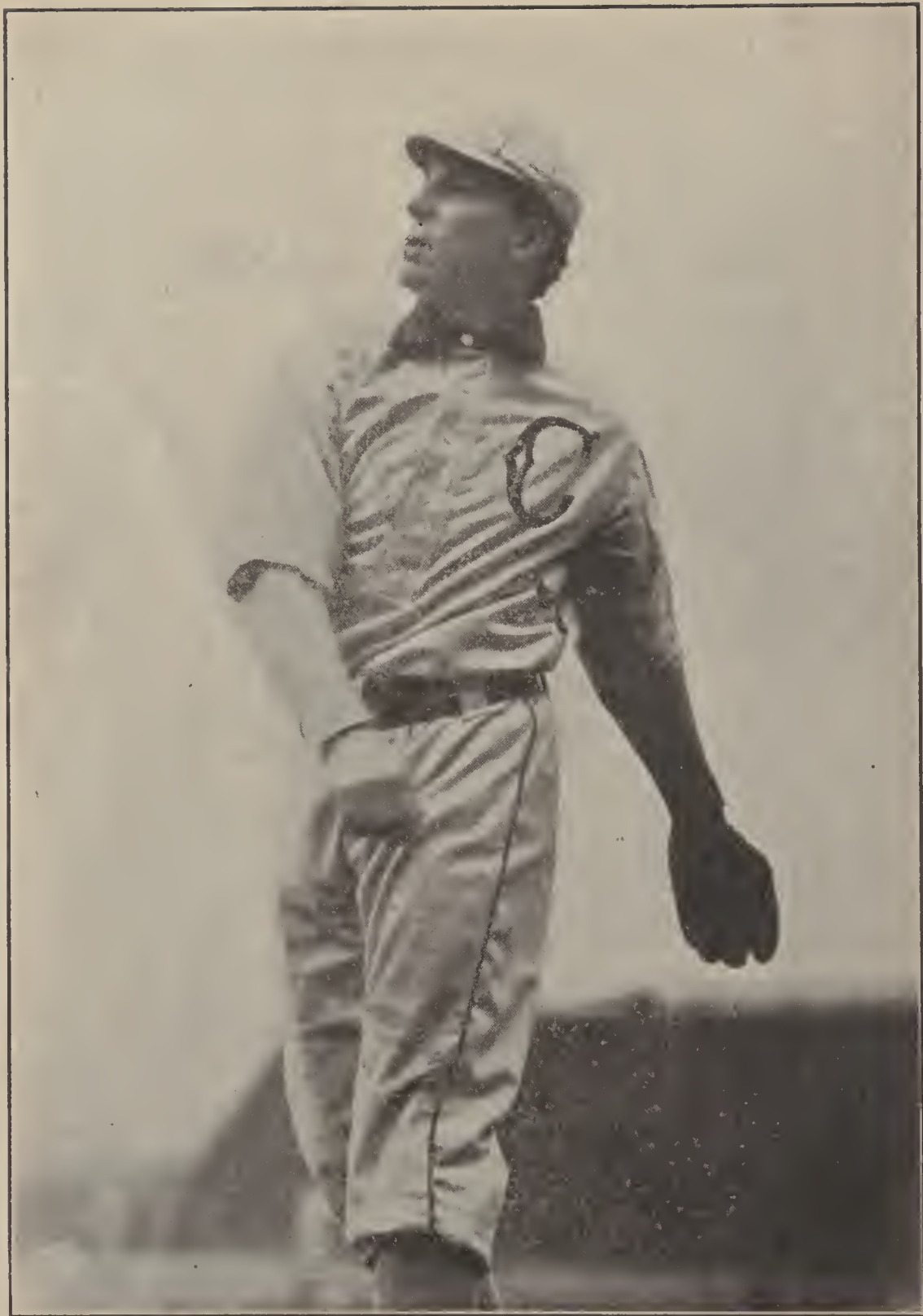
When I came over from second base I found my chief weakness was an over-eagerness to get to the ball, which seemed slower in getting down to me, and some difficulty in getting used to the longer and faster throw.

In the course of time I adjusted myself to the switch. I found out, however, that there is one thing above all others that the shortstop must have, and that is ability to get the ball away from any old position and deliver it accurately and fast.

To meet this requirement the fielder must have an arm of iron and must be naturally quick in mind, foot, eye and hand. There are some few things which can assist natural ability and qualifications in this respect. One of them is constant practice.

The shortstop's position at his station is not a much mooted one. Normally, the shortfielders, including myself, play very deep, provided they possess strong "whips." No other player, by the way, than one who has, can hope to last long in this position. For a left-hand batter the position is somewhat different. I would in that case move somewhat to the right and well back.

The signals for curves to the pitcher also cause me to change



GEORGE DAVIS,

Chicago Americans, showing an outfielder's position after having made a throw to the plate or one of the bases. While Davis is an infielder, he often runs back into short left and center to catch flies.

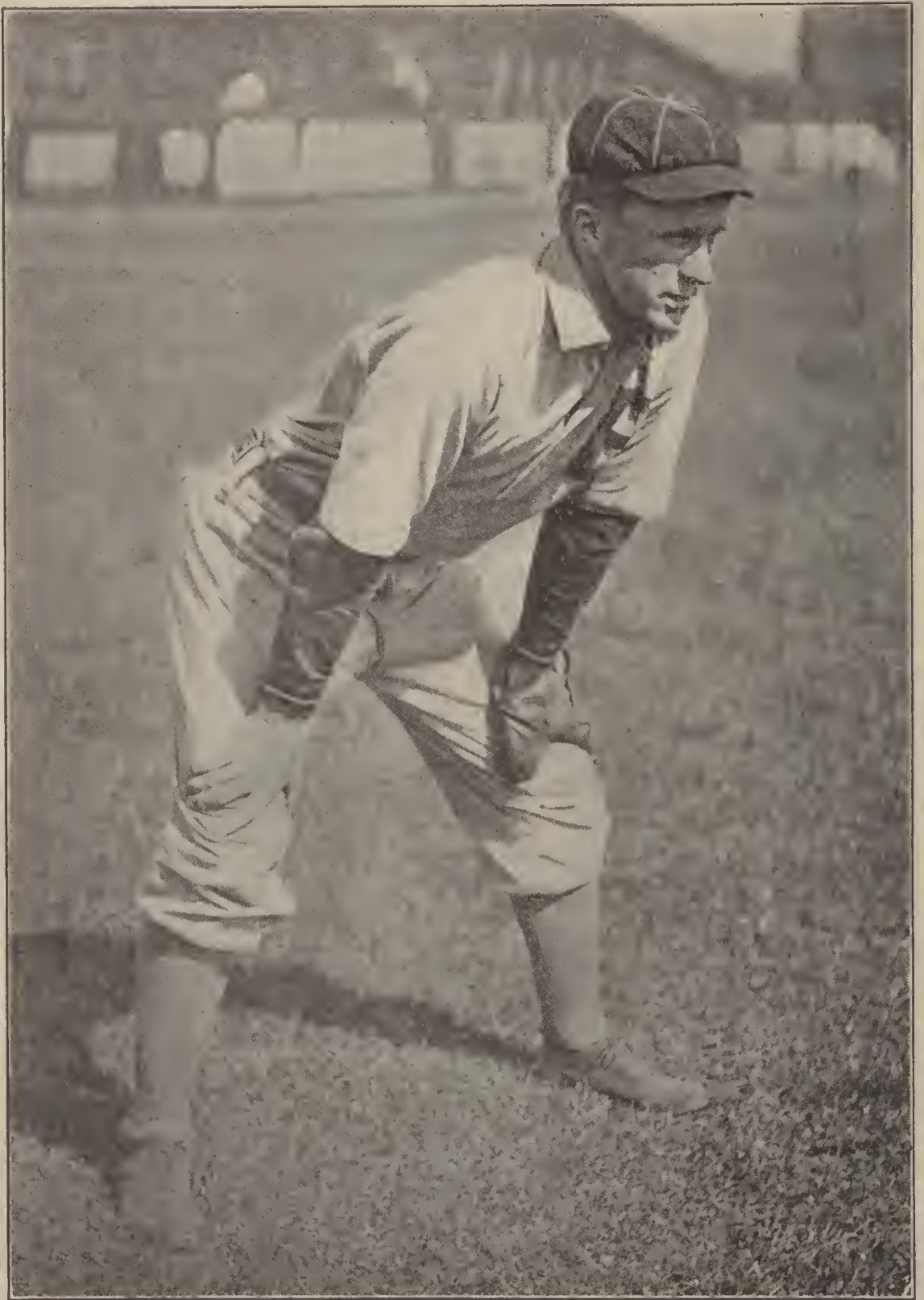
my position, as they do with every careful shortstop. For example, a straight ball to a right-hand batter means that the ball, if a grounder, will probably be hit straight to short or third base, while an outcurve to a right-hand batter means that the hit ball will most likely go to the right of second cushion. Various results occur from the different deliveries of pitchers and for this reason shortstops should make a study of the effect of batting of right- and left-handers on the different curves and place themselves accordingly. It will be found that while in many cases the calculation of the fielder as to where the ball is going to be hit will fail, in other instances they are correct and save many a weary chase after what would otherwise be a hard rap catching the shortstop out of place.

The playing of this position, too, varies with respect to the peculiarities of one's team mates in the infield. Any weakness of the second baseman on hits to his right or in covering the bag will make a corresponding difference in the fielding play of the shortstop. The same may be said of the other side of the shortstop.

Having accustomed himself to his position, and discovered the weaknesses and strength of the men he is to work with, the shortstop should next figure out carefully the points of the first baseman of his team—the target at whom he is to throw. It may count something at a critical time to know whether he is weak or strong on low or high throws.

The throwing proposition should be carefully considered by the shortstop. If the work of getting the ball away from the player proves a constant strain on him, he had better seek another berth, as sooner or later his arm will go and he will be useless altogether.

One of the most trying throws a shortstop has to make is that of taking a ball on the run to the left of him with one hand, and then getting it away to first in time to head off the runner. The throw must be made carefully or it will net two or three bases instead of one. At the same time it must be made hurriedly or it will be useless. Shortstops must bear in mind that



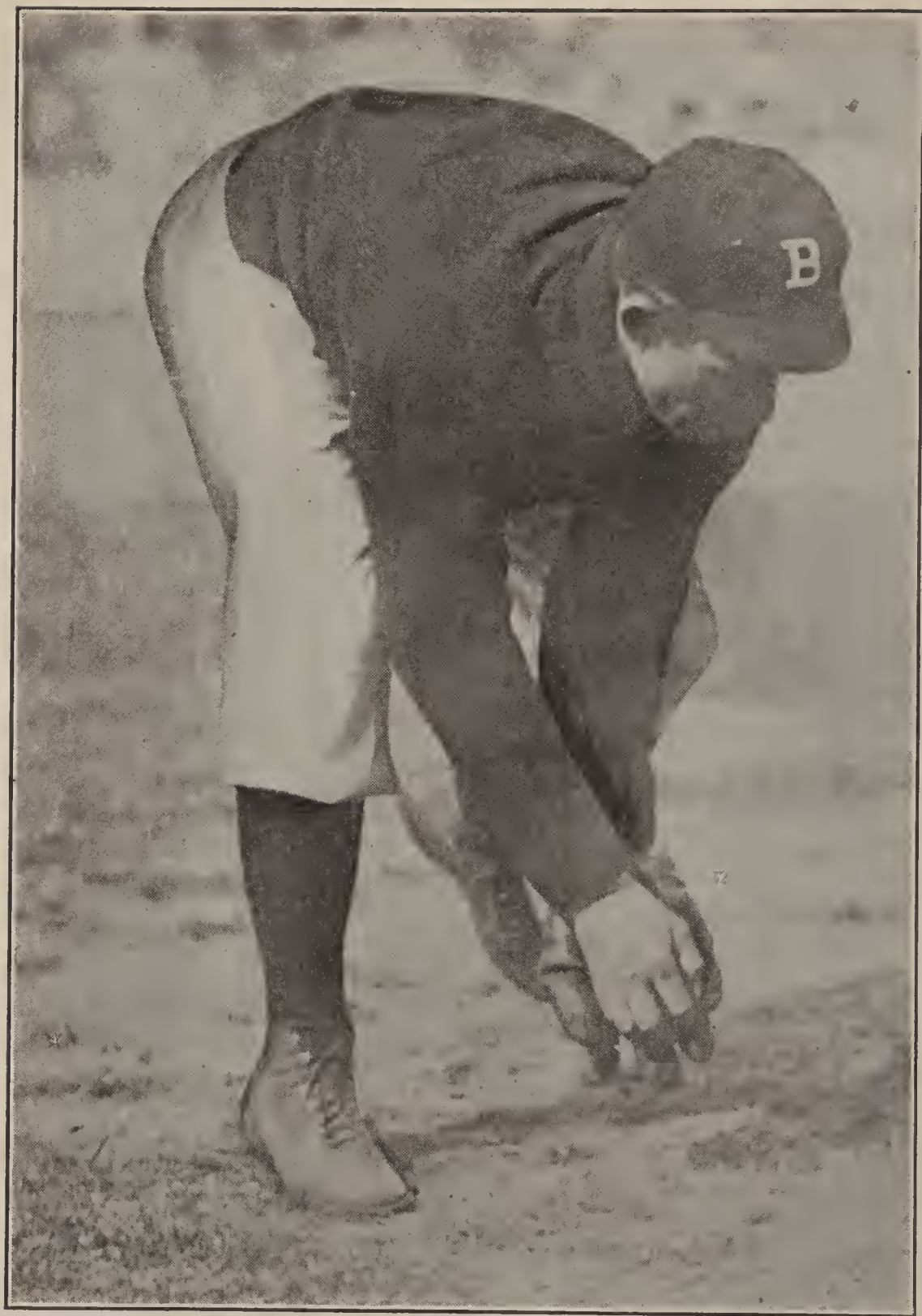
RUDOLPH HULSWITT,
Philadelphia National League shortstop, waiting for a chance on
the base line.

a ball thrown on the run will always raise. A fast grounder is the easiest for the shortstop, as he has time to set himself for the throw. Without unduly delaying, the shortstop should always take time to steady himself where the occasion permits. A slow bounder must necessarily be taken on the run. If it is waited for the chances are the runner will beat it out. The most successful throwers from shortstop and second, who have the reputations of being able to shoot the ball accurately from any old position on the dead gallop, throw underhanded. Thus they save the interval it would take to straighten up. This is a hard throw, however, as the fielder is virtually looking at the first baseman from a distorted angle and his throw therefore is liable to go wrong. As stated before, however hard a play seems, if it saves a fraction of an instant it should be tried until found impossible or successful.

A great many of the old-time fielders were sticklers for putting their heels together and fielding according to precise method. I believe that every boy or man who is learning the game of base ball will find out by trial the method of handling ground balls best suited to his individuality. Few of the ball players of the present time pay any attention to keeping their heels together and such old-age maxims. The shortstop should play his position with his hands. If it goes through these the chances are the fielder will be safe anyhow, and the fielders are now coached to back up the infield so that any chance of an extra base would be prevented by them.

The "pickup" is the play that makes most trouble for shortstops. So long as irregularities of the ground do not interfere, there is no reason why practice shouldn't make the shortstop perfectly accurate on this form of grounder however.

Covering second is one of the duties, frequently an onerous one, of the shortstop. By prearrangement with the second baseman it is understood which player is to cover the bag under certain conditions. The play of the opposing team, however, may necessitate constant changing of this arrangement through the game. For example, a base runner, by a "bluff" break for second,

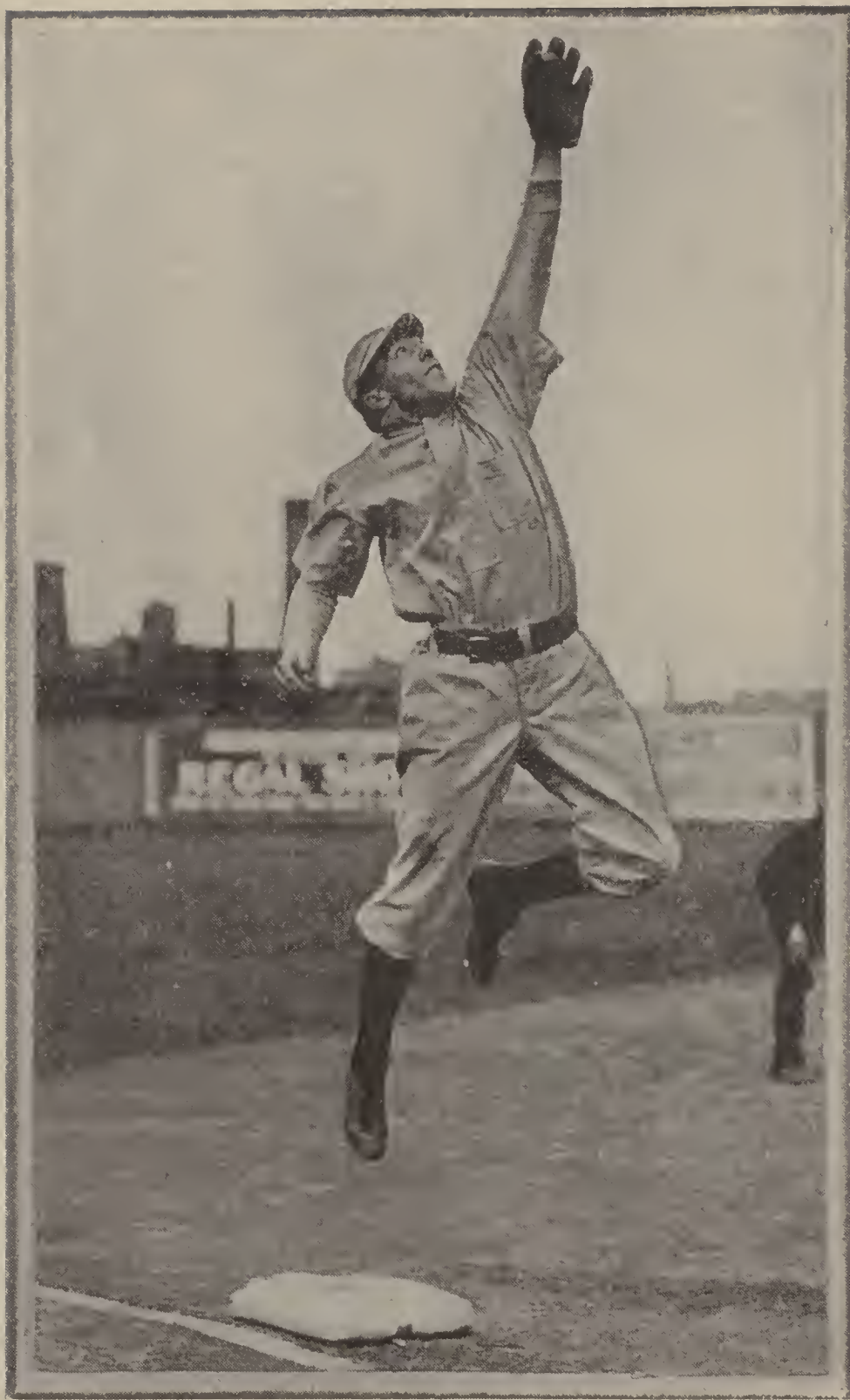


BABB,
Brooklyn shortstop, who is sure death on anything which comes
to him on his left side.

may draw over the man who is to cover second and thus locate him. On the next day a hit and run with the batter may be worked and the batter slam a single through the place he knew would be left open by the man covering second.

The pitcher, second baseman and shortstop should also have a code of signals in order to play a runner when he gets on the second station.

Most shortstops, when it has been decided that they are to cover the bag on certain plays, want the catcher to throw the ball direct to the base and take chances on getting to it in time. In nearly every case there will be little trouble in getting there. While it is part of the catcher's business to throw a perfect ball, still the shortstop ought to get all the practice he can in receiving throws and putting them on imaginary runners. The fraction of an instant in getting down to the ground with that throw counts here. It is the old story of an instant against the runner, which is the key of defensive play.



JOE TINKER,
Chicago Nationals' famous shortstop, making one of the hardest
plays on the diamond, a jumping one-hand catch.

BY RHODY WALLACE

Any player who expects to become a shortstop must be able to throw from any position and to throw hard and fast; he must be good on handling ground balls and must be quick at everything he does. Nearly every play he makes requires the utmost speed he can put into it as delays are dangerous.

The most critical time for the shortstop is when men are on the bases and good batsmen are up. As the game is played now it is easy enough for the man on base and at bat to draw the fire of the defensive team and find whether second or shortstop intends covering the bag for a throw after attempts at the hit-and-run play. Having found this out, the batsman can hit through the man who is to cover the bag, or can try to, and the shortstop or second baseman, whoever he may be, can't help the matter. The only counter to this is for short and second to change their tactics in this respect after each feint by the enemy.

With men on bases, too, the shortstop has to be doubly watchful, both to cover the bag or to handle possible hits. He is impeded by runners in front of him likewise.

Covering the bag is one of the most difficult features of the play for the shortstop, inasmuch as it is to his left and all his play in this matter is to the wrong side of him. Some players watch the catcher for signals as to covering second base. This is as good as another, though the agreement is usually between the second baseman and shortstop. In any event, the player should be very careful about leaving his position before the ball is on the way to the plate.

Most shortstops prefer to have the catcher throw the ball at the base and low, taking chances on getting there in time. As a rule the chance against this is not large.



NORMAN ELBERFELD,
New York Americans' shortstop, who has just picked up a hot
one that came to him on his second-base side.

As to covering the bag there are one or two rules that should apply always. Every ball hit to the left of the pitcher should be the signal for the shortstop to cover second. The general direction of the hit is quickly ascertained by the shortstop and by the time the fielder is ready to make the play at the middle station the shortstop will have beaten his throw to the base.

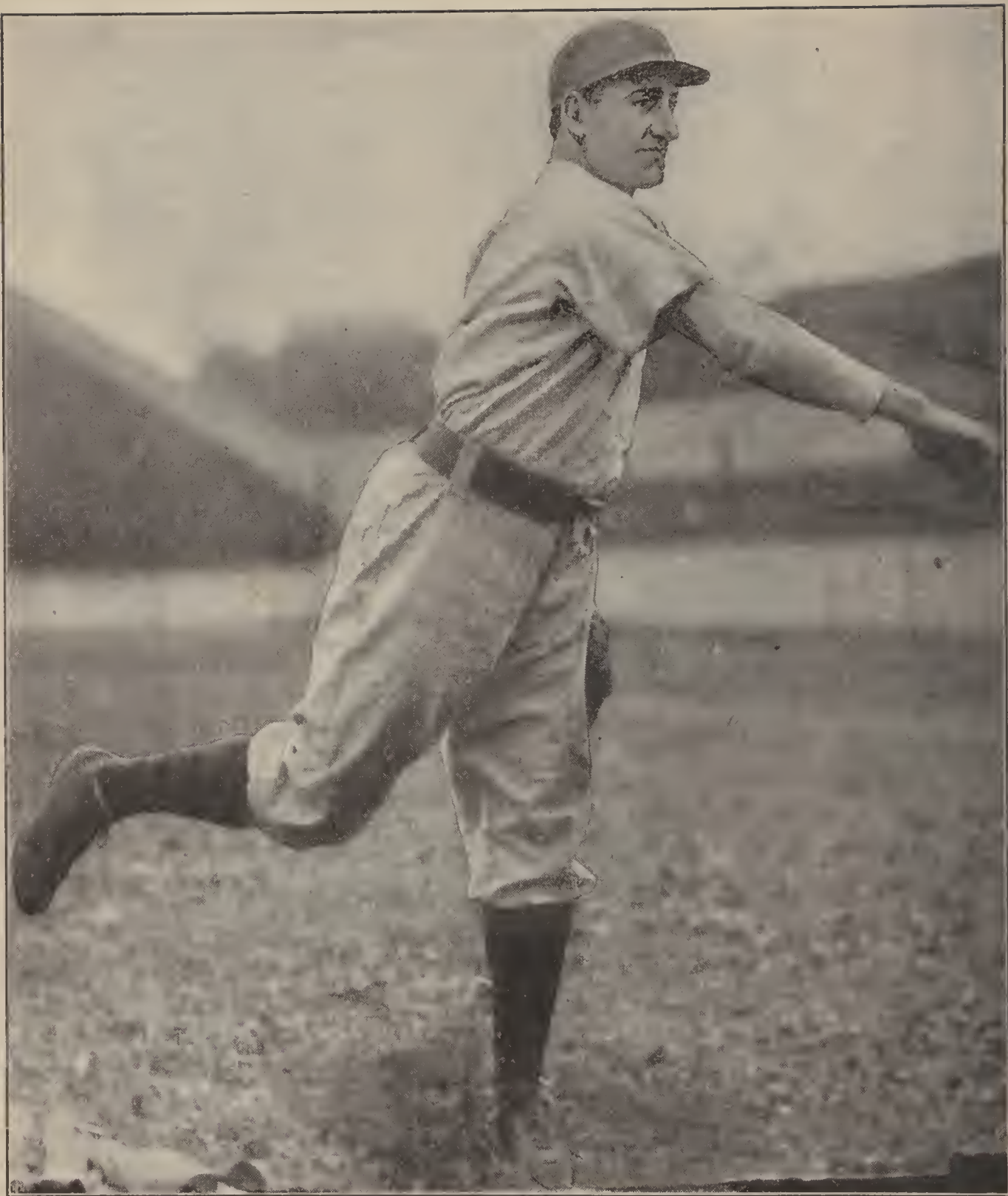
With first and third bases occupied, the shortstop should cover the base on throws from the catcher, leaving the second baseman in a better position to return a short throw to the plate in case the third baseman starts for home.

The fielding of the shortstop's berth is, it goes without saying, the busiest of the entire infield. For while the shortstop is making plays as hard as any on the diamond, he has, even while making the effort, to decide in his own mind what throw will accomplish the best results, what time he has to make the effort, and how he will throw the ball.

There are times when a fraction of a second makes or mars a play for the shortstop, and therefore he has little time to think. I usually have the situation sized up for any possible condition before the batsman has done his little stunt. The rest is a matter of mechanical fielding, and, as a rule, difficult throwing. Unless a man has an arm of steel and is quick as lightning, he has little chance to last long at the middle station. It is a terrific strain on the arms, and the body, too, and few men stick long in this position because of the wear and tear.

Study batters and watch the signals of the battery. You will find it will help you greatly in judging about what is going to happen.

All shortfielders should get underhand throwing practice and plenty of it. It is this form of delivery of the ball that enables shortstops to get the ball away without having to straighten up and draw back the arm.



HANS WAGNER.

Pittsburg shortstop, after making a throw to first. Wagner is one of the best ground coverers in base ball and makes many sensational stops and catches.

BY "HANS" WAGNER

A base ball player has to be especially favored by nature or else remarkably coached to be a successful shortstop. Speed, strength, and strong arm and a good head seem to be endowments, the foundation for which only nature can supply. At the same time I have seen all sorts of men play this berth from small to large, and play it well. The two chief requirements are speed, and the throwing arm. With these anything can be done in the base ball world.

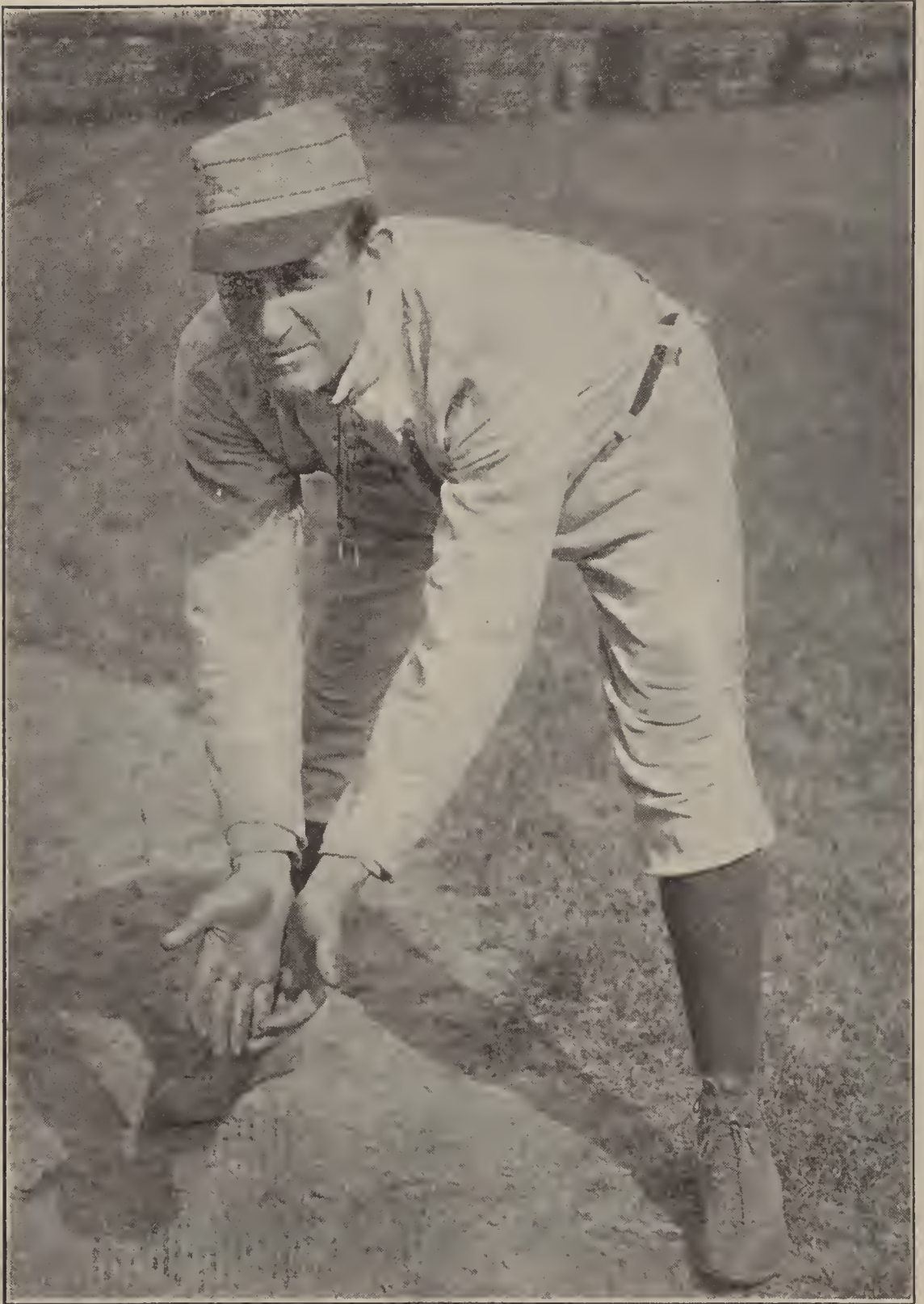
As to playing the position I can't say much that has not already been said. The game is reduced to such a science that there is practically but one right way to do everything on the diamond and we all try to follow that.

The only instruction I know is to get to the ball quickly and get it away even more quickly. Watch your plays carefully and know what you intend to do in certain contingencies, before the ball has been batted—you will have no time to think after it is in your hands, you can rely upon that. Practice throwing, but preserve your arm above all things. Without that you are nothing.

What the best shortstops do is shown by a comparative table of the records of the first five men in both the National and American Leagues:

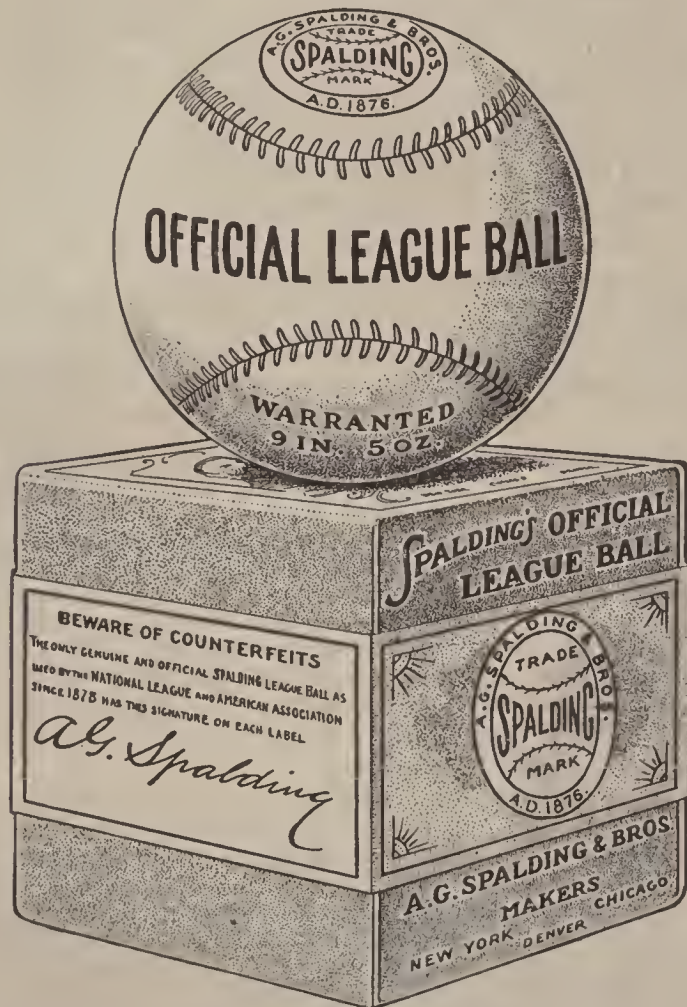
FIELDING.				NATIONAL LEAGUE.			BATTING.		
G.	P.O.	A.	E.	P.C.	PLAYER.	A.B.	R.	H.	P.C.
150	353	471	56	.936	Corcoran	578	55	133	.230
145	316	494	61	.930	Dahlen	523	70	140	.268
121	274	367	49	.929	Wagner	400	97	171	.349
151	370	459	65	.927	Babb	521	49	138	.265
59	109	182	23	.927	Brain	488	57	130	.266

FIELDING.				AMERICAN LEAGUE.			BATTING.		
G.	P.O.	A.	E.	P.C.	PLAYER.	A.B.	R.	H.	P.C.
24	53	60	5	.958	Conroy	486	60	121	.249
139	398	484	42	.955	Wallace	550	57	150	.273
78	251	302	31	.947	Cassidy	586	61	137	.234
111	192	372	33	.945	Turner	407	41	96	.236
30	57	89	9	.942	Robinson	323	29	66	.204



ABBATICCHIO,
Shortstop for the Boston Nationals, and the only Italian who plays
in the major leagues.

WHAT A BASE BALL PLAYER NEEDS



The first requisite of a ball player is, of course, the ball and bat. The Spalding Official League Ball has been used exclusively by the National League, minor leagues, and by all intercollegiate and other associations for over a quarter of a century, and is beyond all question the most perfect base ball that has ever been produced. It is backed up by an absolute guarantee to last through one continuous match game without ripping or losing its shape. The Spalding Official League Ball is sold by all first-class athletic goods dealers throughout the country, and the price is \$1.25 each.

For boys' use especially, there is a smaller size, called Spalding's Official Boys' League Ball, which combines all the qualities of the Official ball, and is just as carefully made. It is especially designed for junior clubs (composed of boys under sixteen years of age), and all games in which

Spalding's Athletic Library

this ball is used will be recognized as legal games, the same as if played with the Official League Ball. The Official Boys' League Ball costs 75 cents.

Other balls which give good satisfaction are the Double Seam Ball, \$1.25; 'Varsity League, \$1.00; Interscholastic League—a smaller size of the 'Varsity—50 cents, and so on down in price. Every team, however, should practice with the official ball, thereby accustoming themselves to its use when called upon to play match games.

In selecting a base ball bat care should be used to select a properly balanced bat of only the best material and workmanship; the wood should be dried for a number of seasons out of doors in order to insure the proper resiliency and driving power, and should be of a correct model to properly balance according to the needs of the particular batter using that bat. This of course will vary according to the different styles of batting. A. G. Spalding & Bros. have facilities for producing the finest bats in the world. They have a corps of experts who devote their entire energies to this particular subject. Only second-growth ash of upland timber is selected, and after it has been carefully seasoned for at least three years, it is then worked up into bats, and any wood which shows any imperfection is thrown out.

The Spalding bat experts are familiar with every model used by any player of note in the country, and all of these models are incorporated in the line of bats turned out by this house.

In the regular line of bats, without question, the best is A. G. Spalding & Bros.' "Gold Medal" bat, each one of which is tagged with a certificate showing the weight, length, size and inspection, and is an absolute guarantee that it has passed the most rigid inspection and is perfect in every detail. The Gold Medal bat includes the models of every prominent batter in all of the leagues. The timber is thoroughly seasoned for from three to five years and fully guaranteed. The Spalding Gold Medal Bat is made with a tape-wound handle or a plain handle, in men's sizes, for \$1.00 each. There is also a Boy's Gold Medal Bat, in plain handle only, at 50 cents each.

Another good bat is called "The Mushroom," owing to the peculiar formation of the handle, which utilizes a principle by which a bat of the same weight is made many times more effective than the ordinary style under certain conditions, and as an all-around bat many prominent professional players testify to their appreciation of the good points of its construction. They say: "Both balance and model are perfect."

The knob arrangement at the end of the bat enables a more even distribution of weight over the whole length than is possible under the old construction, and for certain kinds of play the bat is practically invaluable.

John J. McGraw, Manager of the New York club, says: "For a long time I have been trying to find a bat that would balance when choking. Not until I used the Mushroom Bat, invented by Jack Pickett, have I found a bat that was up to my idea. It is used exclusively by the New York players."

James J. Callahan, of the Chicago American League club, says: "In all my experience as a ball player I have not found a more satisfactory bat than the Spalding Mushroom Bat. The timber is the best I have seen and the balance and model are perfect."

Wm. Gleason, Captain Philadelphia National League club, says: "No



Spalding's Athletic Library.

bat has given me such good service as the Spalding Mushroom Bat. Quality and balance are perfect."

Charles A. Comiskey, President of the Chicago American League club, says: "The Spalding Mushroom Bat receives my hearty endorsement. My experience as a ball player enables me to thoroughly appreciate its good qualities."

James F. Slagle, John Evers, F. L. Chance, J. Kling, J. McCarthy, Joe Tinker, Dr. J. P. Casey, D. Jones, of the Chicago National League club, all say that they have never used a more satisfactory bat. The price of the taped or plain Mushroom is \$1.00.

Spalding's Trade Marked Bats rank next to the Mushroom Bat in point of excellence and are made with the greatest care and thoroughly seasoned. They are as follows: Wagon Tongue Ash Bat, League quality, special finish, spotted burning, 50 cents; Black End Axletree Bat, finest straight grained ash, tape-wound handle, 25 cents; Black Band Bat, extra quality ash, 25 cents; Junior League Bat, extra quality ash, spotted burning, 25 cents; Boys' Bat, selected quality ash, polished and varnished, antique finish, 10 cents; Youths' Bat, good quality, 5 cents.



In catchers' masks, the best made is Spalding's Sun Protecting Mask, which is made of finest steel wire, extra heavily enamelled, and which protects the eye without obstructing the view; it sells for \$4.00.

Spalding's Neck Protecting Mask is made of finest steel wire, extra heavy and black enamelled to prevent reflection of light; the patent neck extension affords absolute protection to the neck, the price is \$3.00. The Special League Mask costs \$2.50, and then there are cheaper ones, at still lower prices.

Every catcher needs a mitt and he has the greatest variety to choose from. The very best mitt made is Spalding's "Perfection" which is certainly an object of art in its line. The leather is of finest quality calfskin, padding of best hair felt obtainable and every other detail of manufacture has been carefully considered, including patent lace back with rawhide lacing. Thumb is reinforced and laced, double row of stitching on heel pad and strap-and-buckle fastening at back. It costs \$6.00.

For professional use Spalding's are now making a special professional catcher's mitt which is a duplicate of their "Perfection," but slightly smaller in size, having no heel pad, and the face of

the mitt is covered with the finest quality of white buck specially selected. The padding in this professional mitt is in accordance with the ideas of the best professional catchers in this country; price \$7.00.



Professional



Spalding's Athletic Library

Spalding's League Mitt is made of special tanned leather, very soft and pliable, heavily padded. It costs \$4.00.

In Spalding's No. 0 Mitt the face, sides and finger-piece are made of velvet tanned boulevard and the back of selected asbestos buck, well padded. \$2.50.

Spalding's "Decker Patent" Mitt, made same as the No. 0 Mitt, with the addition of a heavy piece of sole leather on back for extra protection to the hand and fingers. \$3.00.

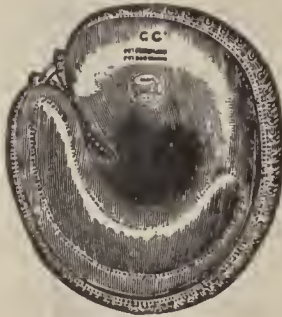
Spalding's No. OA Mitt is extra large and heavily padded, and is extremely well made of velvet tanned boulevard and special tanned leather finger-piece and back. \$2.00.

Spalding's Amateur Mitt is made of extra quality asbestos buck, perspiration proof, extremely tough and durable. This is a very popular mitt. \$1.50.

The face and finger-piece of Spalding's No. C Mitt is made of special velvet tanned brown leather, sides and back of firm tanned leather. \$1.00.

The foregoing mitts are all equipped with strap-and-buckle fastening at back, have double row of stitching on heel pad, are reinforced and laced at thumb, and with patent laced back as an additional feature constitute absolutely the highest grade line of mitts ever manufactured. All styles are made in rights and lefts.

Spalding's Youths' Mitt No. AB is made with extra quality white buck, face and finger-piece extremely tough and durable; well padded; reinforced and laced at thumb and double row of stitching on heel pad; patent lace back; strap-and-buckle fastening at back. \$1.00.



Spalding's Practice Mitt is made of specially firm tanned oak leather, easy fitting, patent lace back. None better for practice. No. B, \$1.00.

Spalding's Youths' Mitt No. CC. Face and finger-piece velvet tanned brown leather, sides and back firm tanned leather; reinforced and laced at thumb; double row of stitching on heel pad; patent lace back; strap-and-buckle fastening. 50 cents.

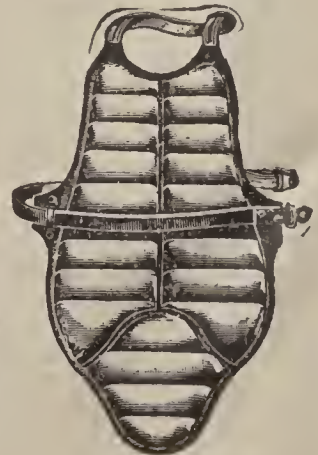
Spalding's Youths' Mitt No. BB is a great favorite, made of extra quality firm tanned oak leather; well padded and substantially made; double row of stitching on heel pad; reinforced and laced at thumb; patent lace back; strap-and-buckle fastening at back. 50 cents.

Spalding's No. 4 Mitt. Men's size. Firm tanned leather; extra heavily padded; reinforced and laced at thumb joint and double row of stitching on heel pad. 50 cents.

Spalding's Junior Mitt is the most popular mitt made; the face and back are made of asbestos buck; well padded; laced thumb; double row of stitching on heel pad; patent lace back. No. CB. Each, 25 cents.

Spalding's No. 5 Mitt. Improved style; face and back made of asbestos buck; laced thumb; well padded and double row of stitching on heel pad. Each, 25 cents. Spalding's No. 7 Mitt has a face of asbestos buck and canvas back; it is a good size and well padded. Each, 10 cents.

A most necessary part of a catcher's equipment is a body protector. Spalding's Inflated Body Protectors are the only practical device for the protection of catchers and umpires. They are made of best rubber, inflated with air; light and pliable. The lower part of these protectors are hinged, so that they do not interfere with the catcher in bending over. When not in use they may be deflated and the protector rolled in a very small space; Special Quality covering of extra fine material. No. 2-0, Each, \$7.50. League Catchers' Protector No. 0, Each, \$5.00. Amateur



A SPECIAL AWARD ^{AND} A GRAND PRIZE

were won by A. G. SPALDING & BROS. at the Louisiana Purchase Exposition, 1904, for the best, most complete and most attractive installation of Gymnastic Apparatus, Base Ball and Athletic Supplies shown at the World's Fair.

Spalding No. 3X Fielders' Mitt

Made of the very best and softest white tanned buckskin; the thumb and at wrist is extra well padded; laced thumb, leather lined. Our highest quality Fielders' Mitt, the finest procurable and of the best workmanship; none better made for the purpose; strap-and-buckle fastening at back.



No. 3X. Each, \$2.50

Spalding No. 4X Fielders' Mitt



Style much improved; made of specially tanned drab leather, well padded with fine felt, leather lined, and carefully sewed and finished; laced thumb; strap-and-buckle fastening at back.

No. 4X. Each, \$1.50

Send for Spalding's Complete Catalogue of all Athletic Sports.

A. G. SPALDING & BROS.

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— THE — Spalding Mushroom Bat

PATENTED

IN this bat a principle has been utilized which makes a bat of the same weight many times more effective than the ordinary style under certain conditions, and as an all-round bat we have received many letters from prominent professional players testifying to their appreciation of the good points of its construction. They say: "Both balance and model are perfect." Only the very best quality of air dried timber has been used and every one is carefully tested by an expert before leaving our factory. The knob arrangement at the end of the bat enables us to get a more even distribution of weight over the whole length than is possible under the old construction, and for certain kinds of play the bat is practically invaluable.

We recommend it heartily to our customers, feeling certain that they will find in the combination of good qualities which it possesses something that they have sought for in vain elsewhere—a perfect bat.

No. M. The Spalding Mushroom Plain Bat, Special Finish. Each, \$1.00
No. MT. The Spalding Mushroom Taped Bat, Taped Handle. " 1.00

NEW YORK, Sept. 22, 1903.

For a long time I have been trying to find a bat that would balance when choking. Not until I used the Mushroom Bat, invented by Jack Pickett, have I found a bat that was up to my idea. This bat is used exclusively by the New York players.

Yours truly,
JOHN J. MCGRAW,
Manager New York B. B. Club.

In all my experience as a base ball player I have not found a more satisfactory base ball bat than the Spalding Mushroom Bat. The timber is the best I have seen; the balance and model of the bat is perfect.

Yours truly,
JAMES J. CALLAHAN,
Manager-Captain Chicago American League Club.

In all our experience as base ball players we have not found a bat more satisfactory than the Spalding Mushroom Bat, introduced by Jack Pickett.

JAMES F. SLAGLE
J. KLING
Dr. J. P. CASEY

JOHN EVERS
J. MCCARTHY
D. JONES

CHICAGO, Oct. 14, 1903.

I have played professional base ball for the last fifteen years and have tried all kinds of bats, but no bat has given me such good service as the Spalding Mushroom bat, introduced by Jack Pickett. Quality and balance are perfect.

Yours truly,
WM. GLEASON,
Captain Philadelphia National League B. B. Club.

CHICAGO, Oct. 14, 1903.

The Spalding Mushroom Bat, introduced by Jack Pickett, receives my hearty endorsement. My experience as a ball player enables me to thoroughly appreciate its good qualities.

Yours truly,
CHAS. A. COMISKEY,
President Chicago American League Club.

CHICAGO, Oct. 14, 1903.

F. L. CHANCE
JOE TINKER
Of Chicago National League Club.

A. G. SPALDING & BROS.

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A SPECIAL AWARD AND GRAND PRIZE

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SPALDING GOLD MEDAL BATS



In placing the Spalding Gold Medal Bats in our line we do so to emphasize the fact that in bat making something more than mere manufacturing skill is necessary. The man who makes a base ball bat should know just what is required, not merely in a general way but in a special sense, and when he is shaping the timber there must be within him the knowledge and skill required to shape it so that the balance will be perfect and the bulk left in the correct place. This is something that comes only through experience, and we claim that a bat-making career extending over twenty-nine years, with unequalled facilities at our command, should be considered when players decide whose bats they will use.

We promise that these bats will be found perfect in balance, finish and quality of timber, and in placing our trade-mark and mark of superiority upon them we do so with perfect confidence that they will sustain the reputation of A. G. Spalding & Bros. for furnishing goods of satisfactory quality.

All Spalding Gold Medal Bats are made of most carefully selected best white ash, seasoned in open sheds for three years (not kiln dried). Each bat is passed under the critical eye of one of the best known old-time base ball players and carefully tested before being packed.

No. GM.	Spalding Gold Medal Plain Bat, golden finish. - - -	Each, \$1.00
No. GMT.	Spalding Gold Medal Taped Bat, white wax finish. - - -	1.00
No. GMB.	Spalding Boys' Gold Medal Plain Bat, golden finish, boys' size. " - - -	.50

A. G. SPALDING & BROS.

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Buffalo Philadelphia Washington Pittsburg Syracuse Cincinnati
Montreal, Can. London, England

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SPALDING TRADE-MARKED BATS

Since 1877, when we introduced the Spalding line of trade-marked bats, they have been recognized as standard by players to whom quality is a consideration. Wherever possible, we have improved both style and quality from time to time, and the assortment as now made up comprises absolutely the most up-to-date and thoroughly trustworthy styles that can be produced. The timber used in their construction is seasoned from two to three years before using, thus ensuring not only a lighter and stronger bat, but also retaining the life quality and driving power of the natural wood.



No. 3-0



No. 0X



No. 2X

SPALDING MEN'S BATS

- | | | |
|----------|---|------------|
| No. 3-0. | Spalding Wagon Tongue Ash Bat, League quality, special finish, spotted burning. | Each, 50c. |
| No. 0X. | Spalding "Axletree" Bat, finest straight grained ash; tape wound handle. | " 25c. |
| No. 2X. | Spalding Black Band Bat, extra quality ash. | " 25c. |



No. 3X



No. 2XB



No. 10

SPALDING BOYS' BATS

- | | | |
|----------|---|------------|
| No. 3X. | Spalding Junior League Bat, extra quality ash; spotted burning. | Each, 25c. |
| No. 2XB. | Spalding Boys' Bat, selected quality ash, polished and varnished; antique finish. | Each, 10c. |
| No. 10. | Boys' Hard Wood Bat; good quality. | " 5c. |

A. G. SPALDING & BROS.

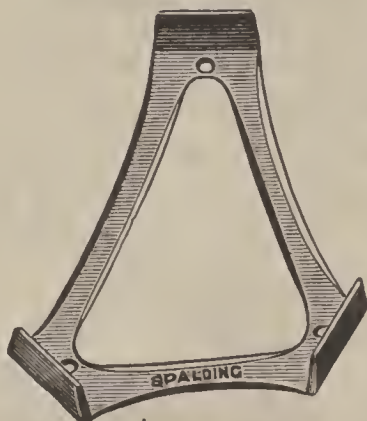
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A SPECIAL AWARD ^{AND} GRAND PRIZE

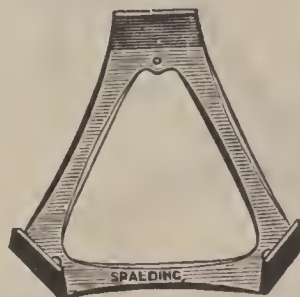
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Spalding Bevel Edge Shoe Plates

RAZOR STEEL.



No. 3-0. Toe Plates.
Per pair, 50c.



No. 4-0. Heel Plates.
Per pair, 50c.

Professional

BEST QUALITY STEEL

No. 1. Toe Plates, 10c.

No. 1H. Heel Plates, 10c.

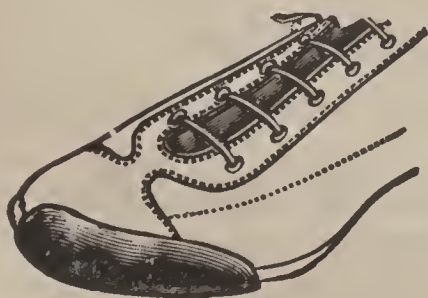
League

HARDENED STEEL

No. 0. Toe Plates, 25c.

No. 2-0. Heel Plates, 25c.

Spalding Pitchers' Toe Plate



A thorough protection to the shoe and a most valuable assistant in pitching. Made for right or left shoe. Used by all professionals.

No. A. Aluminum,	Each, 50c.
No. B. Brass,	Each, 50c.

A. G. SPALDING & BROS.

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Spalding Club Special Shoe



Made of carefully selected satin calfskin, machine sewed, very substantially constructed, and a first-class shoe in every particular. Steel plates riveted to heel and sole.

No. 0. Per pair, \$5.00

Spalding Amateur Special Shoe

Made of good quality calfskin, machine sewed; a serviceable and durable shoe, and one we can specially recommend. Plates riveted to heel and sole.



No. 35. Per pair, \$3.50

Spalding Junior Shoe



A leather shoe, complete with plates. Made on regular base ball shoe last and an excellent shoe for junior teams.

No. 37. Per pair, \$2.00

Send for Spalding's Complete Catalogue of all Athletic Sports

A. G. SPALDING & BROS.

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The Spalding Highest Quality Base Ball Shoe



No. 2-0

No. 30-S

Our "Highest Quality" Base Ball Shoe is hand-made throughout and of specially selected kangaroo leather. Extreme care is taken in its general construction, and no pains or expense spared in making this shoe not only of the very highest quality, but a perfect shoe in every detail. The plates, made exclusively for this shoe, are of the finest hand-forged razor steel and firmly riveted to heel and sole.

No. 2-0. "Highest Quality." Per pair, \$6.00

The Spalding Sprinting Shoe

Same quality as our No. 2-0 shoe, but built on our famous running shoe last. Weigh about eighteen ounces to the pair and made with extra care throughout.

No. 30-S. Sprinting Shoe. Per pair, \$6.50

Send for Spalding's Complete Catalogue of all Athletic Sports.

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Club Special Uniform No. 3

Made of good quality flannel, in a variety of very desirable patterns. Well finished and a most excellent outfit for amateur clubs. A most desirable young men's suit. Elegantly made, and of good, strong, handsome material. On exactly same patterns as the league suits.

Club Special Uniform No. 3
Complete \$7.00

Net price to clubs ordering
for Entire Team. Suit, \$5.50

COLORS: White, Pearl Gray, Yale Gray, Light Gray, Black, Maroon, Royal Blue, Navy Blue, Brown, Cardinal.

CONSISTING OF: Club Special Shirt, any style; Club Special Pants, any style; Club Special Stockings, No. 3R; Club Special Cap, any style; Club Special Web Belt.

No extra charge for lettering shirts with name of club nor for detachable sleeves.



Amateur Special Uniform No. 4

Made of good quality flannel, and compares favorably with uniforms of other makers quoted at a much higher price. An excellent wearing uniform, cut and finished as well as our higher-priced suits. Very popular with the younger base ball players.

Amateur Special Uniform No. 4
Complete \$5.00

Net price to clubs ordering
for Entire Team. Suit, \$4.00

COLORS: White, Light Gray, Blue Gray, Maroon, Navy Blue, Green.

CONSISTING OF: Amateur Special Shirt, any style; Amateur Special Pants, padded; Amateur Special Stockings, No. 4R; Amateur Special Cap, styles 21 and 5 only; Amateur Special Web Belt.

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The Spalding Junior Uniform No. 5

This uniform is made expressly for clubs composed of boys and youths, and will stand the hardest kind of wear. Made and trimmed in first-class style.

Spalding Junior Uniform No. 5. Complete, \$4.00

Net price to clubs ordering
Nine or more Uniforms,
Per suit, \$3.00

COLORS:

Maroon, Blue Gray,
Green, Brown Mix.

No extra charge for lettering shirts with name of club nor for detachable sleeves.

CONSISTING OF: Spalding Junior Shirt, any style; Spalding Junior Pants, padded; Spalding Junior Cap, styles 21 and 5 only; Spalding Junior Belt; Spalding Junior Stockings.



The Spalding Youths' Uniform No. 6

The Spalding Youths' Uniform No. 6. Complete, \$2.00

Net price to clubs ordering
nine or more uniforms,
Per suit, \$1.50

Very well made of good quality Gray material.

CONSISTING OF

The Spalding Youths' Shirt, button front, with one felt letter only; The Spalding Youths' Pants, padded; The Spalding Youths' Stockings; The Spalding Youths' Cap, style 21; The Spalding Youths' Belt.

The price at which we are selling this uniform should make it extremely popular.

A. G. SPALDING & BROS.

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The Interscholastic Uniform No. 2

Made of same grade of material as our higher priced uniforms, but of lighter weight. This is one of our most popular suits and will give the best of satisfaction. Can usually be worn two seasons.

Interscholastic Uniform No. 2. **\$9.65**
Complete,

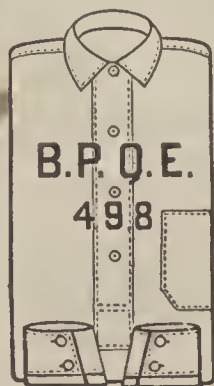
Net price to clubs ordering for **\$8.00**
Entire Team. . . . Suit,

COLORS:

White, Pearl Gray, Yale Gray, Light Gray,
Black, Green, Maroon, Royal Blue,
Navy Blue, Brown, Cardinal.

CONSISTING OF: Interscholastic Shirt, any style; Interscholastic Pants, any style; Interscholastic Stockings, No. 2R; Interscholastic Cap, any style; Interscholastic Web Belt.

No extra charge for lettering shirts with name of club nor for detachable sleeves.



We have on hand a special flannel, Royal Purple, dyed particularly for teams connected with the Order of Elks. While we do not recommend that this be made up solid color in suits, still it makes a beautiful combination as trimming on white flannel, and we are making these uniforms now in that way in our Nos. 0, 1 and 2 qualities only.



A. G. SPALDING & BROS.

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Spalding Base Ball Shirts (Separate)



TAPE BOTTOM.

- No. 0. "The Spalding" Shirt, any style, with name of club, \$6.00
- No. 1. "University" Shirt, any style, with name of club, \$5.00
- No. 2. "Interscholastic" Shirt, any style, with name of club, \$4.00
- No. 3. "Club Special" Shirt, any style, with name of club, \$2.75
- No. 4. "Amateur Special" Shirt, any style, with name of club, \$2.00
- No. 5. "Junior" Shirt, any style, with name of club, \$1.50

Spalding Base Ball Pants (Separate)

- No. 0. "The Spalding" Pants, any style. Pair, \$6.00
- No. 1. "University" Pants, any style. " 5.00
- No. 2. "Interscholastic" Pants, any style. " 3.75
- No. 3. "Club Special" Pants, any style. " 2.75
- No. 4. "Amateur Special" Pants, padded. " 2.00
- No. 5. "Junior" Pants, padded. " 1.50

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THE SPALDING "OFFICIAL" BASKET BALL



Officially adopted and must be used in all match games. The cover is made in eight sections, with capless ends and of the finest and most carefully selected pebble grain leather. The bladder is made specially for this ball, of extra quality Para rubber. Each ball packed complete, in sealed box, and guaranteed perfect in every detail.

No. M. "Official" Basket Ball. Each, \$5.00

Extracts from Official Rule Book

RULE II.—BALL

SEC. 3. The ball made by A. G. SPALDING & BROS. shall be the official ball. Official balls will be stamped as herewith, and will be in sealed boxes.



SEC. 4. The official ball must be used in all match games.

RULE III.—GOALS.

SEC. 3. The goal made by A. G. SPALDING & BROS. shall be the official goal.



SEC. 4. The official goal must be used in all match games.

A. G. SPALDING & BROS.

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Spalding Boxing Gloves



Above illustrates the patent palm lacing and patent palm grip with which all out "Corbett pattern" gloves are equipped. With these improvements we believe our line is absolutely the finest on the market. The patent palm lacing insuring a snug fit at all times is a very valuable feature, and the patent palm grip, we know, will be appreciated by those who want gloves that are up-to-date in every particular. Used by all the champions.

CORBETT PATTERN

Prices: \$2.00, \$2.50, \$3.00, \$3.25, \$4.00, \$4.50 per set.

REGULAR PATTERN

Prices: \$1.00, \$1.50 per set.

For complete description of Spalding Boxing Gloves send for Spalding's complete catalogue of athletic sports; mailed free to any address.

"How to Become a Boxer." The best book of instruction ever published. Numerous full page illustrations taken from actual life. Pictures of all the prominent boxers. Price 10 cents.

A. G. SPALDING & BROS.

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Spalding Patent Striking Bags



Are made of the best materials in their respective grades and finished carefully and substantially. The bladders used are all fully guaranteed. All bags equipped with "ball and lace" fastening.

Single End Bags

Prices: \$1.00, \$1.50, \$2.00,
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Spalding's Athletic Library is devoted to all athletic sports and pastimes, indoor and outdoor, and is the recognized American cyclopedia of sport. Each book is complete in itself; and those sports which are governed by National Associations always designate Spalding's Athletic Library as the official publication. This gives to each book the official authority to contain the rules. Each year the books are brought up to date, with the latest rules, new ideas, new pictures and valuable information, thus making the series the most valuable of its kind in the world. The price, 10 cents per copy, places them in the reach of all, and no one's library can be complete unless all numbers are found therein.

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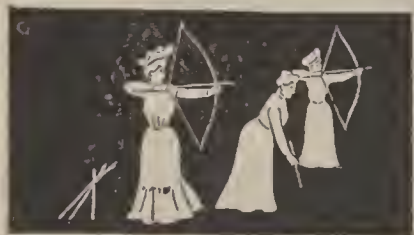
M. C. Murphy, the well-known athletic trainer, now with Yale University, the author of this book, has written it especially for the schoolboy and college man, but it is invaluable for the athlete who wishes to excel in any branch of athletic sport. The subjects comprise the following articles: Training, starting, sprinting; how to train for the quarter, half, mile and longer distances; walking; high and broad jumping; hurdling; pole vaulting; throwing the hammer. Illustrated. Price 10 cents.



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By Gus Sundstrom, instructor at the New York A. C. It treats of every detail, the individual work of the players, the practice of the team, how to throw the ball, with illustrations and many valuable hints. Price 10 cents.



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The A. A. U. is the governing body of athletes in the United States of America, and all games must be held under its rules, which are exclusively published in this handbook, and a copy should be in the hands of every athlete and every club

officer in America. This book contains the official rules for running, jumping, weight throwing, hurdling, pole vaulting, swimming, boxing, wrestling, etc., and is an encyclopedia in itself. Price 10 cents.

No. 136—Official Y. M. C. A. Handbook

Edited by G. T. Hepbron, the well-known athletic authority. It contains the official rules governing all sports under the jurisdiction of the Y. M. C. A., a complete report of the physical directors' conference, official Y. M. C. A. scoring tables, pentathlon rules, many pictures of the leading Y. M. C. A. athletes of the country, official Y. M. C. A. athletic rules, constitution and by-laws of the Athletic League of Y. M. C. A., all around indoor test, volley ball rules; illustrated. Price 10 cents.

No. 138—Official Croquet Guide

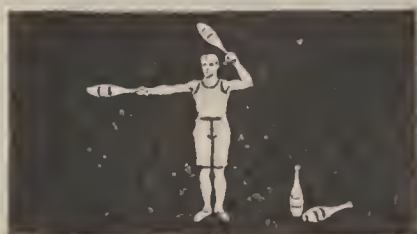
Contains directions for playing, diagrams of important strokes, description of grounds, instructions for the beginner, terms used in the game, and the official playing rules. Price 10 cents.

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Two of the most popular forms of home or gymnasium exercise. This book is written by America's amateur champion club swinger, J. H. Dougherty. It is clearly illustrated, by which any novice can become an expert. Price 10 cents.

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No. 154—Field Hockey

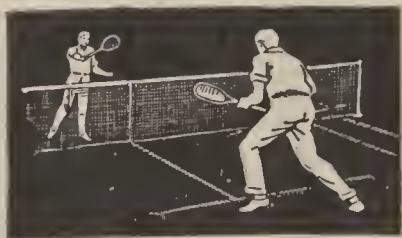
To those in need of vigorous and healthful out-of-doors exercise, this game is recommended highly. Its healthful attributes are manifold and the interest of player and spectator alike is kept active throughout the progress of the game. The game is prominent in the sports at Vassar, Smith, Wellesley, Bryn Mawr and other leading colleges. Price 10 cents.



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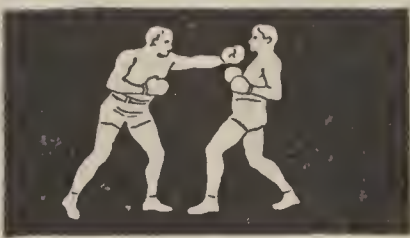
Without question one of the best books of its kind ever published. Compiled by Prof. A. M. Chesley, the well-known Y. M. C. A. physical director. It is a book that will prove valuable to indoor and outdoor gymnasiums, schools, outings and gatherings where there are a number to be amused. The games described comprise a list of 120, divided into several groups. Price 10 cents.



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By Dr. Luther Halsey Gulick, superintendent of physical training in the New York public schools. Anyone who is looking for a concise and complete course of physical education at home would do well to procure a copy of this book. Ten minutes' work as directed is exercise anyone can follow. It already has had a large

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No. 165—The Art of Fencing

This is a new book by Regis and Louis Senac, of New York, famous instructors and leading authorities on the subject. Messrs. Senac give in detail how every move should be made, and tell it so clearly that anyone can follow the instructions. It is illustrated with sixty full page pictures, posed especially for this book. Price 10 cents.



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By Prof. E. B. Warman, the well-known exponent of physical culture. The most complete work on this special subject ever issued. By following the directions carefully anyone can become an expert. Price 10 cents.

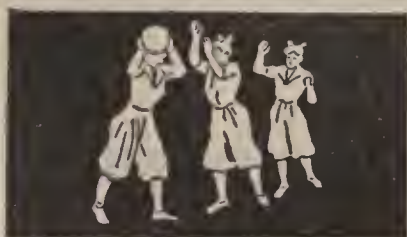


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By M. W. Deshong. The need of a book on this interesting game has been felt by many who wished to know the fine points and tricks used by the experts. Mr. Deshong explains them, with illustrations, so that a novice can readily understand. Price 10 cents.

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Played with an air-inflated ball 6 feet in diameter, weighing about 50 pounds. A side consists of eleven men. This book contains the official rules and a sketch of the game; illustrated. Price 10 cents.



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Edited by Miss Senda Berenson, of Smith College. Contains the rules for basket ball for women as adopted by the conference on physical training, held in June, 1899, at Springfield, Mass., and articles on the following subjects: Psychological effects of basket ball for women, by Dr. Luther H. Gulick, superintendent of physical

training in the schools of Greater New York; physiological effects of basket ball, by Theodore Hough, Ph. D.; significance of basket ball for women, by Senda Berenson; relative merit of the Y. M. C. A. rules and women's rules, by Augusta Lane Patrick; practical side of basket ball, by Ellen Emerson, B. K., Agnes Childs, A. B., Fanny Garrison. A. B.; A Plea for Basket Ball, by Julie Ellsbee Sullivan, Teachers' College, New York; diagram of field, showing position of team; illustrated with many pictures of basket ball teams. Price 10 cents.



No. 174—Distance and Cross Country Running

By George Orton, the famous University of Pennsylvania runner. Tells how to become proficient at the quarter, half, mile, the longer distances, and cross-country running and steeplechasing, with instructions for training and schedules to be observed when preparing for a contest. Illustrated with numerous pictures of

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By J. H. Sterrett, the leading authority on swimming in America. The instructions will interest the expert as well as the novice; the illustrations were made from photographs especially posed, showing the swimmer in clear water; a valuable feature is the series of "land drill" exercises for the beginner, which is illustrated by many drawings. The contents comprise: A plea

for education in swimming; swimming as an exercise and for development; land drill exercises; plain swimming; best methods of learning; the breast stroke; breathing; under-arm side stroke; scientific strokes—over-arm side stroke; double over-arm or "trudgeon" stroke; touching and turning; training for racing; ornamental swimming; floating; diving; running header; back dive; diving feet foremost; the propeller; marching on the water; swimming on the back; amateur swimming rules; amateur plunging rules.. Price 10 cents.



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Gives methods of the best riders when training for long or short distance races; hints on training. Revised and up-to-date in every particular. Price 10 cents.

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No. 187—How to Play Roller Polo

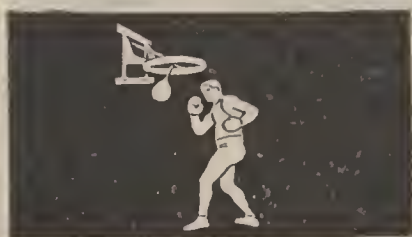
Edited by J. C. Morse. A full description of the game; official rules; pictures of teams; other articles of interest. Price 10 cents.

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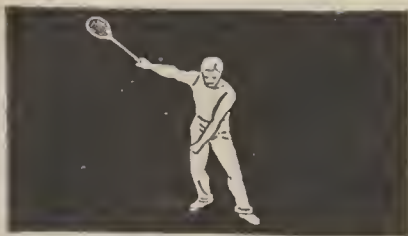
No. 191—How to Punch the Bag

By W. H. Rothwell ("Young Corbett"), champion featherweight of the world. This book is undoubtedly the best treatise on bag punching that has ever been printed. Every variety of blow used in training is shown and explained. The pictures comprise thirty-three full page reproductions of Young Corbett as he appears while at work in his training quarters. The photographs were taken by our special artist and cannot be seen in any other publication than Spalding's Athletic Library No. 191. Fancy bag punching is treated by a well known theatrical bag puncher, who shows the latest tricks. Price 10 cents.



No. 193—How to Play Basket Ball

By G. T. Hepbron, editor of the Official Basket Ball Guide. Contains full instructions for players, both for the expert and the novice, duties of officials, and specially posed full page pictures showing the correct and incorrect methods of playing. The demand for a book of this character is fully satisfied in this publication, as many points are included which could not be incorporated in the annual publication of the Basket Ball Guide for want of room. Price 10 cents.



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This is undoubtedly the best work on dumb-bells that has ever been offered. The author, Mr. G. Bojus, of New York City, was formerly superintendent of physical culture in the Elizabeth (N.J.) public schools, instructor at Columbia University, instructor for four years at the Columbia summer school, and is now proprietor of the Liberty Street Gymnasium, at 121 Liberty

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by Cy Young, "Rube" Waddell and Bert Cunningham; on curve pitching, by Cy Young, James J. Callahan, Frank Donahue, Vic Willis, William Dineen and Charley Nichols; how to become a good catcher, by Eddie Phelps, William Sullivan and M. J. Kittridge; how to play first base, by Hugh Jennings; how to play second base, by Napoleon Lajoie and William Gleason; how to play third base, by James Collins and Lave Cross; how to play shortstop, by Herman Long; how to play the infield, by Charles A. Comiskey; how to play the outfield, by Fred Clarke; the earmarks of a ball player, by John J. McGraw; good advice for players; how to organize a team; how to manage a team; how to score a game; how to umpire a game; base ball rules interpreted for boys. Price 10 cents.

No. 204—Official Intercollegiate A.A.A. Handbook



Contains constitution, by-laws, laws of athletics, and rules to govern the awarding of the championship cup of the Intercollegiate Athletic Association of Amateur Athletes of America, the governing body in college athletics. Contains official intercollegiate records from 1876 to 1904, with the winner's name and time in each event, list of points won by each college, and list of officers of the association from 1889 to 1904, inclusive. To any-

one interested the book is invaluable as a record. Price 10 cents.

No. 205—Official Handbook of the Public Schools Athletic League

This is the official handbook of the Public Schools Athletic League, which embraces all the public schools of Greater New York. It contains the official rules that govern all the contests of the league, and constitution, by-laws and officers. Edited by Dr. Luther Halsey Gulick, superintendent of physical education in the New York public schools, and Wm. C. J. Kelly, secretary of the league. Illustrated. Price 10 cents.



No. 206—How to Play Golf

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No. 207—Bowling on the Green; or, Lawn Bowls

How to construct a green; necessary equipment; how to play the game, and the official rules as promulgated by the Scottish Bowling Association. Edited by Mr. James W. Greig. Illustrated. Price 10 cents.

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This is the fifth of the Physical Training series, by Prof. E. B. Warman (see Nos. 142, 149, 166 and 185), and a glance at the contents will show the variety of subjects: Chapter I—Basic principles; longevity. Chapter II—Hints on eating; food values; the uses of salt. Chapter III—Medicinal value of certain foods. Chapter IV—The efficacy of sugar; sugar, food for muscular work; eating for strength and endurance; fish as brain food; food for the children. Chapter V—Digestibility; bread; appendicitis due to flour. Chapter VI—Hints on drinking—Water, milk, buttermilk, tea, coffee; how to remain young. Chapter VII—Hints on bathing; cold, hot, warm, tepid, salt, sun, air, Russian, Turkish, cabinet. Chapter VIII—Hints on breathing; breathlessness, heart strain, second wind, yawning, the art of yogi. Price 10 cents.

No. 209—How to Become a Skater

Contains advice for beginners; how to become a figure skater thoroughly explained, with many diagrams showing how to do all the different tricks of the best figure skaters, including the Mohawk, with all its variations; Q's, forward and backward, inside and outside; the crosscuts, including the difficult Swedish style; inside and outside spins; the grapevine, with its numerous branches, and many other styles, which will be comparatively simple to any one who follows the directions given. Profusely illustrated with pictures of prominent skaters and numerous diagrams. Price 10 cents.

No. 210—How to Play Foot Ball

Edited by Walter Camp. The contents embrace everything that a beginner wants to know and many points that an expert will be glad to learn. The pictures are made from snapshots of leading teams and individual players in action, with comments by Walter Camp. Price 10 cents.



No. 211—Spalding's Official Foot Ball Guide

Edited by Walter Camp. Contains the new rules, with diagram of field as newly arranged; special chapters on the game, foot ball for the spectator, All-America teams, as selected by leading authorities; Middle West, Southern, Canadian foot ball, records, and pictures of all the prominent teams, embracing nearly 3,000 players. Price 10 cents.



No. 212—Official Basket Ball Guide

Edited by George T. Hepbrun. Contains the revised official rules, decisions on disputed points, records of prominent teams, reports on the game from various parts of the country, and pictures of hundreds of players. The standard basket ball annual of the country. Price 10 cents.

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Contents: Necessity for exercise in the summer; three rules for bicycling; when going up-hill; sitting out on summer nights ventilating a bedroom; ventilating a house; how to obtain pure air; bathing salt water baths at home; a substitute for ice water; drinking ice water; to cure insomnia; asleep in two minutes; for those who ride wheels; summer outdoor exercise; profuse perspiration; danger of checking perspiration; dress, hot weather, etc., etc. Price 10 cents.

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By Albert B. Wegener, Physical Director Y. M. C. A., Rochester, N. Y. Ever since graded apparatus work has been used in gymnastics, the necessity of having a mass drill that would harmonize with it has been felt. For years it has been the established custom in most gymnasiums of memorizing a set drill, never varied from one year's end to the other. Consequently the beginner was given the same kind and amount as the older member. With a view to giving uniformity the present treatise is attempted. Price 10 cents

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America's national game is now vieing with other indoor games as a winter pastime. This book contains the playing rules, pictures of leading teams, and interesting articles on the game. Price 10 cents.

No. 216-How to Become a Bowler

By S. Karpf, Secretary of the American Bowling Congress, and one of the best posted men on bowling in America. Contents: History of the sport; diagrams of effective deliveries; how to bowl; a few hints to beginners; American Bowling Congress; the national championships; how to build an alley; how to score; spares-how they are made. Rules for cocked hat, cocked hat and feather, quintet, battle game, nine up and nine down, head pin and four back, ten pins-head pin out, five back, the Newport game, ten pin head pin game, duckpin game, head pin game, Dayton candle (rubber neck) pin game, New England candle pin game. Illustrated with portraits of all the prominent bowlers. Price 10 cents.

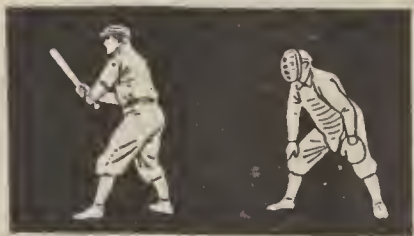


No. 217-Official Athletic Almanac

Compiled by J. E. Sullivan, Chief Department Physical Culture, Louisiana Purchase Exposition, and Director Olympic Games, 1904. The only annual publication now issued that contains a complete list of amateur best-on-records; complete inter-collegiate records; complete English records from 1866; swimming records; inter-scholastic records; Irish, Scotch and Australasian records; reports of leading athletic meets; skating records; important athletic events and numerous photos of individual athletes and leading athletic teams. This year's issue is a special Olympic Games number and contains the only full account of the Olympic Games of 1904, and a review of Anthropological Days at the World's Fair stadium, being the first time on record where athletic events were contested in which savages were the exclusive participants, thus forming the first authoritative basis for a comparison between the abilities of the civilized athlete and the savage. Price 10 cents.

No. 218—Ice Hockey and Ice Polo

Written by the most famous player in Canada, A. Farrell, of the Shamrock hockey team of Montreal. It contains a complete description of the game, its origin, points of a good player, and an instructive article on how game is played, with diagrams and official rules. Illustrated with pictures of leading teams. Price 10 cents.



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To supply a demand for a book which would show the percentage of clubs without recourse to the arduous work of figuring, the publishers of Spalding's Athletic Library have had Mr. John B. Foster, Sporting Editor of the New York Evening Telegram, compile a book which answers every requirement, and which has met

with the greatest praise for its accuracy and simplicity. No follower of the game can afford to be without it. Price 10 cents.



No. 220—Official Base Ball Guide

Edited by Henry Chadwick, the "Father of Base Ball," the official publication of base ball. It contains a complete record of all leagues in America, pictures of teams, official rules and reviews of the game. The standard base ball annual of the country. Price 10 cents.



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Contains official statistics, photographs of leading players, special articles on the game, review of important tournaments, official rules, handicapping rules and tables; list of fixtures for the current year and other valuable information. Price 10 cents.



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Attention is called to the following ten numbers of Spalding's Athletic Library, embracing the greatest collection of books of instruction for playing the various positions in the game that has ever been published. These books are entirely new and up-to-date, and contain the latest methods of play, as only last season's star players were consulted in their compilation. Each number is complete in itself and is profusely illustrated. Be sure and ask for Spalding's Athletic Library. Price 10 cents for each book. For detailed description see following numbers;



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The most important part of ball playing nowadays, outside of pitching, is batting. The team that can bat and has some good pitchers can win base ball games; therefore, every boy and young man who has, of course, already learned to catch, should turn his attention to this department of the game, and there is no better way of becoming proficient than by reading this book and

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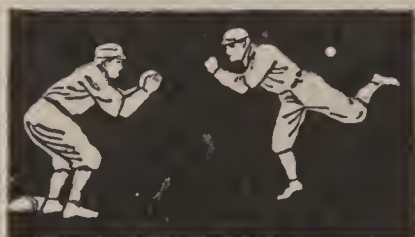


No. 224—How to Play the Outfield.

Compiled especially for the young player who would become an expert. The best book on playing the outfield that has ever been published. There are just as many tricks to be learned, before a player can be a competent fielder, as there are in any other position on a nine, and this book explains them all. Illustrated with numerous

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No. 225—How to Play First Base



No other position on a ball team has shown such a change for the better in recent years as first base. Modifications in line with the betterment of the sport in every department have been made at intervals, but in no other department have they been so radical. No boy who plays the initial sack can afford to overlook the points and hints contained in this book. Entirely new and up to date. Illustrated with full

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No. 226—How to Play Second Base



There are so few men who can cover second base to perfection that their names can easily be called off by anyone who follows the game of base ball. Team owners who possess such players would not part with them for thousands of dollars. These men have been interviewed and their ideas incorporated in this book for the especial benefit of boys who want to know the fine points of play at this point of the diamond. Illustrated with full page pictures. Edited

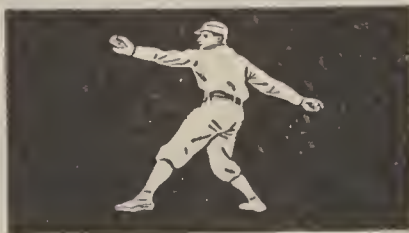
by J. E. Wray, sporting editor Globe-Democrat, St. Louis. Price 10 cents.

No. 227—How to Play Third Base



Third base is, in some respects, the most important of the infield. No major league team has ever won a pennant without a great third baseman. Collins of the Boston Americans and Leach of Pittsburg are two of the greatest third basemen the game has ever seen, and their teams owe much of the credit for pennants they have won to them. These men in this book describe just how they play the position. Everything a player should know is clearly set

forth and any boy will surely increase his chances of success by a careful reading of this book. Illustrated. Price 10 cents.



No. 228—How to Play Shortstop

Shortstop is one of the hardest positions on the infield to fill, and quick thought and quick action are necessary for a player who expects to make good as a shortstop. The views of every well known player who covers this position have been sought in compiling this book, and it is offered as being the most complete book of its class ever

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No. 229—How to Catch

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No. 230—How to Pitch



A new, up-to-date book. Published for the first time this year. No boy can afford to be without a copy of it. Edited by John B. Foster of the Evening Telegram (New York). The object of this book is to aid the beginners who aspire to become clever twirlers, and its contents are the practical teaching of men who have reached the top as pitchers, and who have had experience, both as members of the best clubs playing base ball and as contenders against teams

that have enjoyed national reputations. Cy Young, the famous Boston American pitcher, whose steadiness in the box is proverbial, gives advice on control of the ball and tells what a boy should do to obtain it; Sam Loeever of the Pittsburgs shows how to pitch the outcurve; William Di-neen of the Boston Americans tells how to pitch an inshoot; Thomas Hughes gives hints on pitching the drop; Joe McGinnity, the "iron man," of the New York Nationals, explains how he uses his successful raise ball and his famous "cross fire"; Christy Mathewson, the pride of the New York Polo Grounds, discusses the body swing; Frank Hahn, who is left-handed, has something of interest to those who use that member; John J. McGraw, New York Giants' brilliant manager, discourses on the pitcher as a fielder, and as he started in his base ball career as a twirler, his advice has grounds for attention; Al Orth, the "curveless wonder," tells how to make a batter do what you want him to do; John Powell explains how to act when runners are on bases; Charley Nichols, the former pitcher of the Boston Nationals and now manager of the St. Louis Nationals, describes the jump ball; Frank Sparks treats of change of pace, and Jack Chesbro, the star of the New York Americans' pitching corps, describes at length the "spit" ball, of which he is so famous an exponent. The book is profusely illustrated. Price 10 cents.

No. 231—How to Coach; How to Captain a Team; How to Manage a Team; How to Umpire: How to Organize a League.



A useful guide to all who are interested in the above subjects. Jimmy Collins, manager-captain of the Boston Americans, writes on coaching; M. J. Kelly of the St. Paul champions, on captaining; Al Buckenberger of the Boston Nationals, on managing; Frank Dwyer of the American League staff, on umpiring; Fred Lake on minor leagues, and the editor of the book, T. H. Murnane, President of the New

England League, on how to organize a league. Price 10 cents.

No. 232—How to Run the Bases



The importance of base running as a scientific feature of the national game is becoming more and more recognized each year. Besides being spectacular, feats of base stealing nearly always figure in the winning of a game. Many a close contest is decided on the winning of that little strip of 90 feet which lies between cushions. When hits are few and the enemy's pitchers steady, it becomes incumbent on the opposing team to get around the bases in some manner. Effective stealing not only increases the effectiveness of

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No. 233—Jiu Jitsu

A complete description of this famous Japanese system of self-defence. Each move thoroughly explained and illustrated with numerous full page pictures of Messrs. A. Minami and K. Koyama, two of the most famous exponents of the Jiu Jitsu in America, who posed especially for this book. Be sure and ask for the Spalding Athletic Library book on Jiu Jitsu. Price 10 cents.

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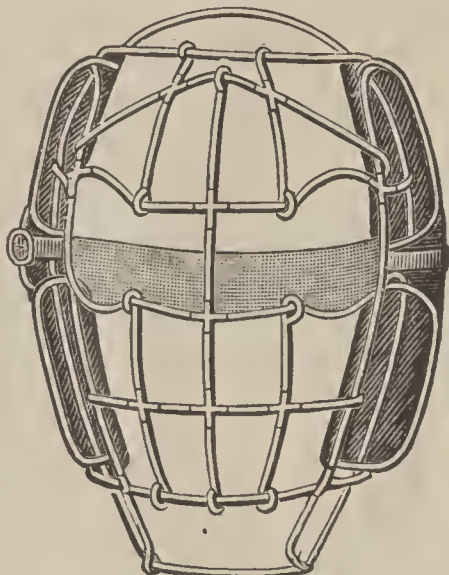
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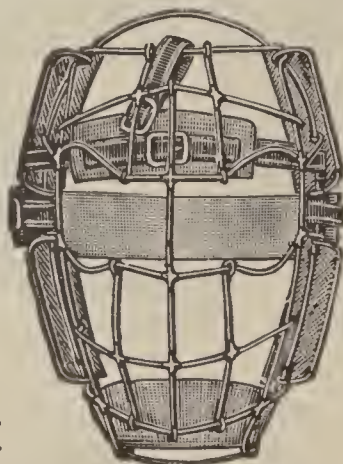
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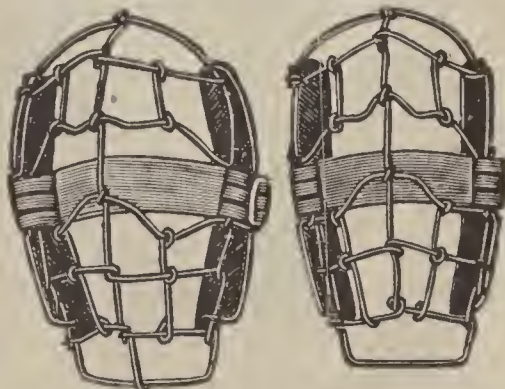
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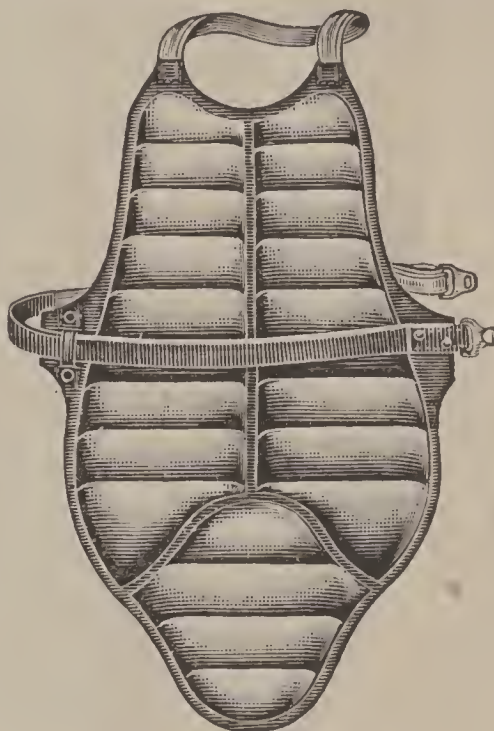
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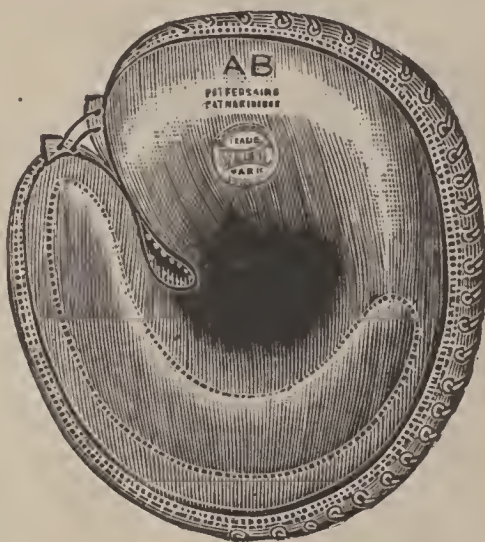


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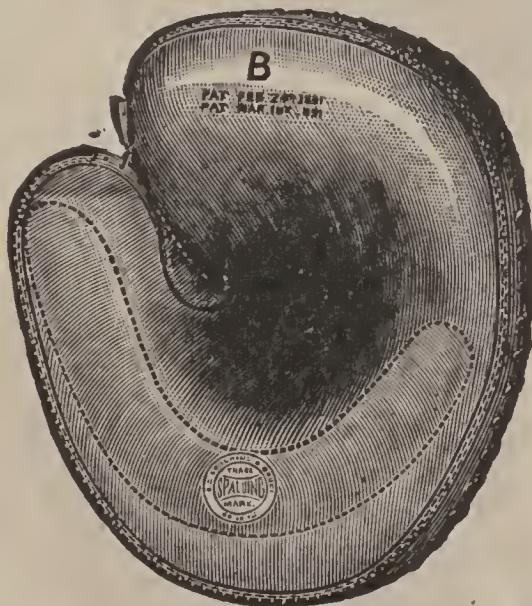
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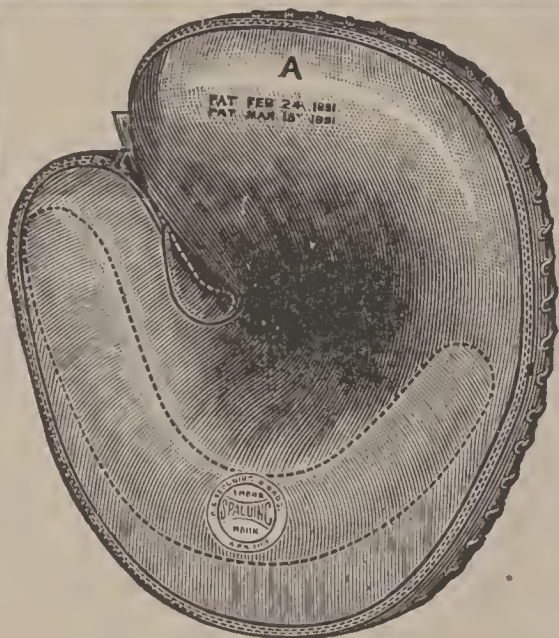
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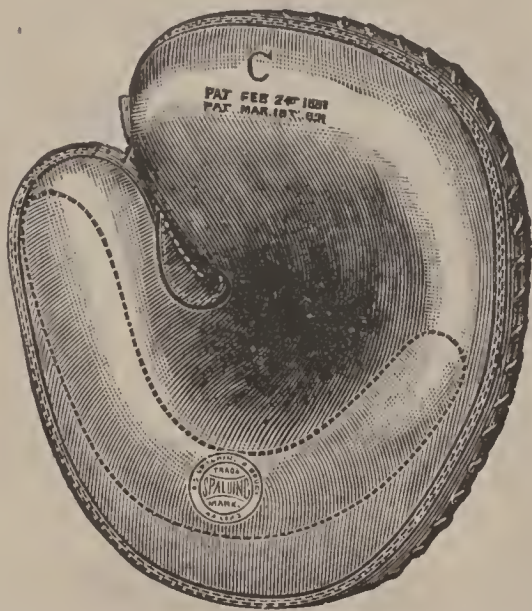


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Most popular mitt made; face and back of asbestos buck; well padded; laced thumb; double row of stitching on heel pad.

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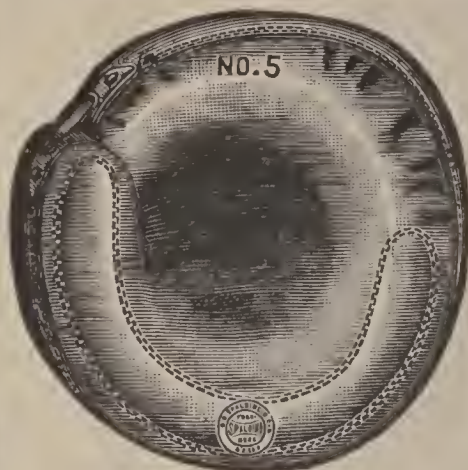
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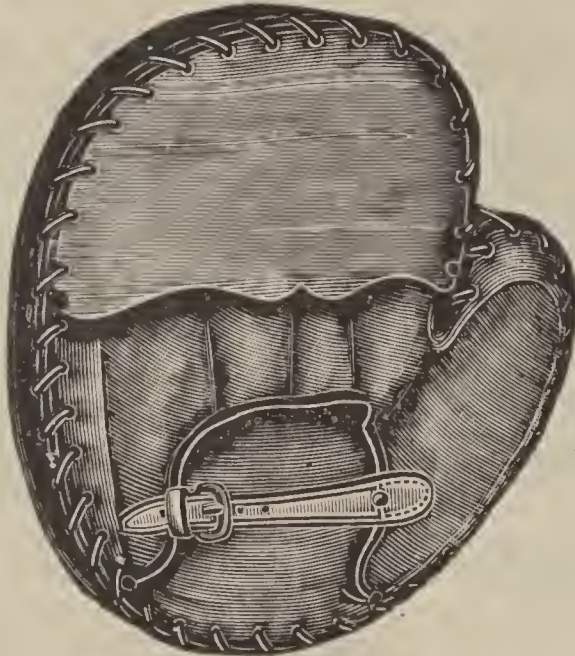
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MADE same as our No. O Mitt, with the addition of a heavy piece of sole leather on back for extra protection to the hand and fingers.

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SPALDING FIRST BASEMEN'S MITT



HIGHEST quality material and workmanship and adapts itself to the conformation of the hand without any necessity for breaking in. The only really correct first basemen's mitt. Made of fine selected and specially tanned calfskin, extremely well made throughout, leather lined and padded to meet the special requirements of a baseman's mitt; rawhide lacing all round; strap-and-buckle fastening at back.

No. BX. Each, \$4.00

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Professional First Basemen's Mitt

Composed of same quality materials and workmanship as in our No. BX First Basemen's Mitt. It has no heel pad and is made up especially for professional use; strap-and-buckle fastening at back.

Each, \$4.00



No. CX First Basemen's Mitt

Fine quality and finish; made on same lines as our No. BX Mitt; face of specially tanned drab leather; back of firm tanned brown leather; extra well padded at wrist and thumb; laced all around; strap-and-buckle fastening at back.

Each, \$2.00

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No. DX First Basemen's Mitt

Men's size; a good article at a moderate price; made of oak tan specially selected leather, laced all around; a very easy-fitting mitt; strap-and-buckle fastening at back.

Each, \$1.50



No. EX First Basemen's Mitt

An excellent mitt for boys; made of good quality white leather, laced all around; suitably padded and will give very good service; strap-and-buckle fastening at back.

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Spalding No. 2XS Infielders' Glove

A special glove with features that will appeal to the professional player. Made extra long, of selected velvet tanned buckskin, lined and lightly padded. Has no heel pad. Made in rights and lefts.

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Spalding No. XS Infielders' Glove

Mans' size glove. Made of good quality oil tanned leather, well finished and exceedingly durable; double row of stitching on heel pad, and nicely padded. Made in rights and lefts.

No. XS. Each, \$1.50



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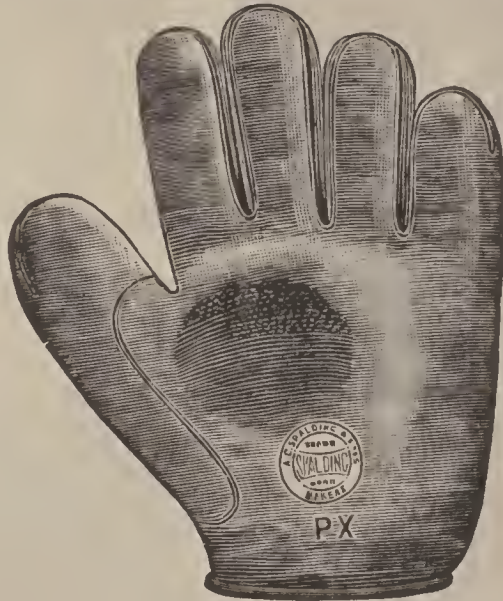
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—Spalding— Professional Infielders' Glove



OUR No. PX Infielders' Glove is made up on lines suggested by prominent professional players. Quality and workmanship cannot be surpassed. The quality of buckskin used in making up this glove is the finest we have been able to obtain, and all other items of manufacture have been carefully looked into. It is heavily padded around edges with fine quality felt, and padding extends well up into the little finger. Has no heel pad, but is made extra long to protect wrist.

No. PX. Each, \$3.00

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Spalding Men's Size Infielders' Glove

A well made glove, improved style. Made of extra fine quality brown leather, well padded; double row of stitching on heel pad. Made in rights and lefts.

No. 15. Each, \$1.00

Spalding Men's Size Infielders' Glove

Made in style similar to our No. PX professional glove, but of material same as in our No. 15. Has no heel pad and is extra long. Made in rights and lefts.

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Spalding Youths' Size Infielders' Gloves

This glove is well made of soft tanned white leather, nicely padded; leather bound, and a first-class article in every way.

No. 14. Each, 50c.



A youths' glove; all leather, good quality, well made and padded; double row of stitching on heel pad.

No. 17. Each, 25c.



Youths' size. Made of asbestos buck and well padded; double row of stitching on heel pad. Best quarter glove on the market.

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Spalding No. XL Infielders' Glove

Made in style similar to our No. PX professional glove, but of white tanned horsehide. Has no heel pad and is made extra long.

No. XL. Each, \$1.50

Spalding No. X Infielders' Glove

A good all-around glove, improved style. Made of good quality white tanned horsehide, well padded and leather lined; double row of stitching on heel pad. Will give excellent service.

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Otis Crandall



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"Rube" Marquard

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SPALDING YOUTHS' SIZE INFIELDERS' GLOVES



Our best youths' glove, made throughout of selected velvet tanned buckskin. Quality of material, workmanship and style same as our No. 2X men's glove; an article of particular merit. Made in rights and lefts.

No. 2XB. Each, \$2.00

A good youths' size glove. Made of fine quality white tanned horsehide. Similar in material, workmanship and style to our No. X men's glove. Made in rights and lefts.

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Spalding Men's Size Infielders' Gloves

Made of good quality soft suede tanned white leather, leather lined, nicely padded; double row of stitching on heel pad.

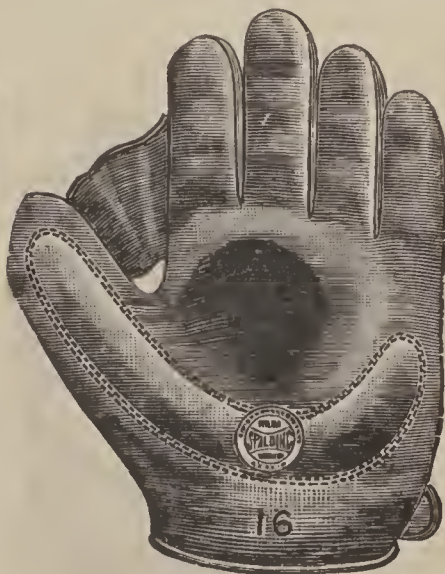
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Spalding Men's Size Infielders' Gloves

A good glove, full size, improved style. Good quality soft tanned white leather, nicely padded; double row of stitching on heel pad.

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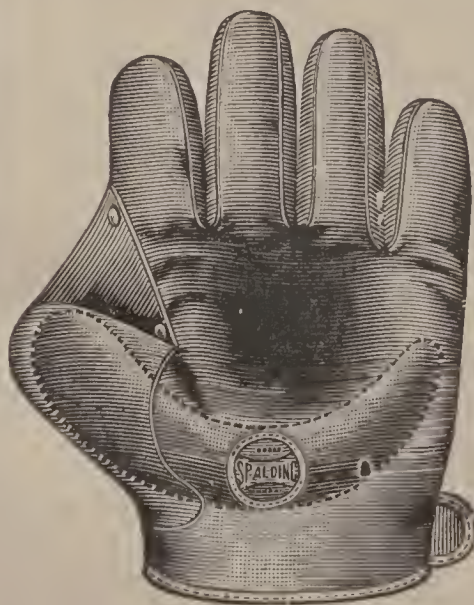
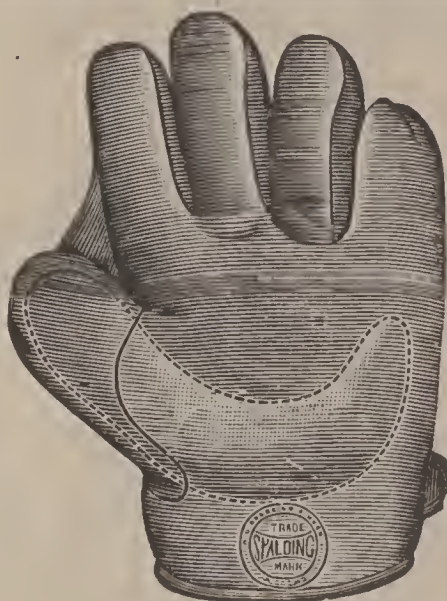
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Spalding Regulation Infielders' Glove

This glove has retained its popularity year after year, and to-day is acknowledged to be the most practical in style and get-up of any on the market. Made of selected velvet tanned buckskin, lined and correctly padded with finest felt. Highest quality workmanship throughout; double row of stitching on heel pad. No better made at any price.

No. 2X. Each, \$2.50



Spalding No. AX Infielders' Glove

A very popular style. Made throughout of specially tanned calfskin. Padded with best quality felt; double row of stitching on heel pad. Highest quality workmanship throughout.

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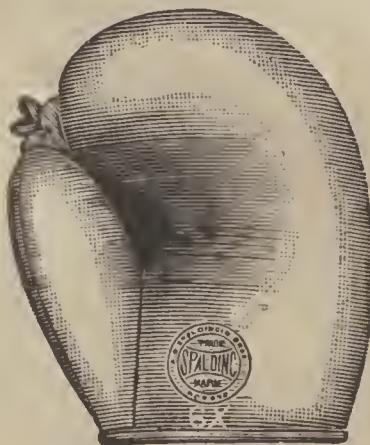
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Spalding No. 5X Fielders' Mitt

An exceedingly good mitt at a popular price; the face made of white tanned buckskin, brown leather back; laced thumb; constructed throughout in a most substantial manner; strap-and-buckle fastening at back. Each, \$1.00



Spalding No. 6X Boys' Fielders' Mitt

A substantial mitt for boys; made throughout of a good quality brown cape leather, well padded and laced thumb, and without doubt the best mitt of the kind ever sold at the price. Each, 50c.



Spalding No. 7X Boys' Fielders' Mitt

Made of asbestos buck, well padded and substantially made; laced thumb.

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